Ontario
Ministry of
Natural
Resources

Oil and Gas Exploration, Drilling, and Production Summary 1980

Roughnecks working on rotary drill, southwestern Ontario. Photo Mike Hoskins.

Oil and Gas Paper 3

Oil and Gas Paper 3

Oil and Gas Exploration, Drilling, and Production Summary, 1980

compiled by
Rae Booth-Horst and R. Rybansky

1982

Ontario
Ministry of Natural Resources
Hon. Alan W. Pope
Minister
W.T. Foster
Deputy Minister

©OMNR 1982
Printed in Canada

ISSN 0229-8074

Publications of the Ontario Ministry of Natural Resources and price list are available through the *Public Service Centre, Whitney Block, Queen's Park, Toronto*, and the *Ontario Government Bookstore, 880 Bay Street, Toronto*. Orders for publications should be accompanied by cheque or money order, payable to the *Treasurer of Ontario*.

Reports, maps, and price lists (personal shopping or mail order):
Public Service Centre, Ministry of Natural Resources
Room 1640, Whitney Block, Queen's Park
Toronto, Ontario M7A 1W3

Reports and accompanying maps (personal shopping):
Ontario Government Bookstore
Main Floor, 880 Bay Street
Toronto, Ontario

Reports and accompanying maps (mail order or telephone orders):
Publications Services Section, Ministry of Government Services
5th Floor, 880 Bay Street
Toronto, Ontario M7A 1N8
Telephone (local calls), 965-6015
Toll-free long distance, 1-800-268-7540
Toll-free from Area Code 807 0-ZENITH-67200

Every possible effort is made to ensure the accuracy of the information contained in this report, but the Ministry of Natural Resources does not assume any liability for errors that may occur. Source references are included in the report and users may wish to verify critical information.

Parts of this publication may be quoted if credit is given. It is recommended that reference to this report be made in the following form:

Booth-Horst, Rae, and Rybansky, R.
1982: Oil and Gas Exploration, Drilling, and Production Summary, 1980; Ontario Ministry of Natural Resources, Oil and Gas Paper 3, 181 p.

400-130-82

Contents

Introduction 1
Acknowledgments 1
I. Organization 2
II. Petroleum Resources Data System 4
III. Geophysical and Geochemical Activity 6
IV. Leasing 8
A. Onshore — Southwestern Ontario 8
B. Offshore — Lake Erie 8
C. Hudson and James Bay Lowlands 8
V. Drilling 12
A. Onshore — Southwestern Ontario 12
B. Offshore — Lake Erie 12
VI. Production 17
A. Cumulative Production 20
B. Oil Production 20
C. Gas Production 20
VII. Gas Storage 42
VIII. Salt Cavern Storage 43
Appendix I. List of Publications and Maps 44
Reports 44
Maps 44
Photo Copies 45
Microfilm and Microfiche 45
Appendix II. Composite Stratigraphic Column 50
Appendix III. Explanation of Data Items and Abbreviations 51
Appendix IV. Summary of Wells Drilled in 1980 53
Alphabetic Index of Well Summary Cards 53
Permit Number Index of Well Summary Cards 55
Well Summary Cards 57

Tables

1. Available Computer Reports 4
2. Persons Licenced to Conduct Geophysical-Geochemical Exploration, 1980 6
3. Geophysical and Geochemical Activity, 1978-1980 7
4. Persons Licenced to Lease Oil or Gas Rights, 1980 9
5. Acreage Leased — Land Area, 1978-1980 10
6. Acreage under Disposition — Lake Erie, 1973-1980 10
7. Owners of Licensed Drilling Machines, 1980 13
8. Summary of Well Completions for 1980 14
9. Successful Exploratory Tests, 1980 15
10. Important Dry Exploratory Tests, 1980 16
11. Drilling Summary by Age, 1980 17
12. Drilling Success Ratios, 1980 18
13. Lake Erie Drilling, 1980 18
14. Persons Licenced to Produce Oil and Gas, 1980 21
15. Annual and Cumulative Oil Production, 1863-1980 22
16. Annual and Cumulative Gas Production, 1890-1980 23
17. Oil and Gas Pools, Onshore, Southwestern Ontario 24
18. Ontario Oil Production by Fields, 1980 34
19. Oil Production in Ontario by Field, 1976-1980 35
20. Percent Oil Production by Age, 1976-1980 35
21. Oil Production by County, 1980 35
22. Ontario Gas Production by Fields, 1980 36
23. Gas Production in Ontario by Fields, 1976-1980 37
24. Gas Production by County, 1980 38
25. Percent Gas Production by Age, 1976-1980 38
26. Gas Production Units, Offshore, Lake Erie and Lake St. Clair 39
27. Gas Storage — Southwestern Ontario 42
28. Summary of Salt Cavern Storage 43

Figures

1. Petroleum Resources Section Organizational Chart 2
2. Petroleum Resources Inspection Areas 3
3. Lake Erie — Licences and Leases 11
4. Lake Erie Drilling Activity 19
5. Ontario Oil Production, 1860-1980 40
6. Ontario Gas Production, 1889-1980 40
7. Average Annual Price Paid for Indigenous Crude Oil and Natural Gas, 1980 41
8. Cumulative and Annual Lake Erie Gas Production 41
9. Key Map for NTS Series (Onshore — Southwestern Ontario) 46
10. Key Map for Lake Erie Base Maps (1:50,000) 47
11. Key Map for Lake Erie Isopach Maps 48
12. Key Map for Lake Erie Structure Maps 49
13. Composite Stratigraphic Column 50

Oil and Gas Exploration, Drilling, and Production Summary, 1980

Introduction

Information contained in this report has been compiled from records submitted to the Petroleum Resources Section by licenced operators in compliance with the Petroleum Resources Act, 1971. Unless otherwise stated, all statistics and information are reported for the calendar year of 1980. Publication of annual reports is delayed one year because of the confidential status of exploratory well data incorporated within the reports.

During 1980, 33 licences for geochemical or geophysical exploration were issued. A total of 2704 km of geochemical and geophysical surveys were conducted on Lake Erie and in seven counties onshore, amounting to 32.5 crew months.

The number of licences to lease oil and gas rights issued for 1980 was 215. A total of 203,932.2 hectares was leased on land from private landowners. In Lake Erie, 889,578 hectares were under Licence of Occupation and 215,002 hectares were under lease for a total of 1,104,580 hectares under disposition by the Crown. Government revenues from Lake Erie increased to $1,702,284.58 in the 1980 fiscal year from $1,204,098.14 during 1979.

A total of 249 wells were drilled during 1980 for a cumulative depth of 118,381.9 m. Of these wells, 104 were classified as exploratory, 121 as development, 14 as "other" and 10 as lost holes. The "other" class includes petroleum products storage, gas storage, brine, stratigraphic test, suspended storage, re-entry, liquified petroleum products storage and disposal wells. Onshore, 117 wells (including 4 lost holes) were drilled penetrating a cumulative section of 50,944.1 m. Lake Erie drilling involved 132 wells (including 6 lost holes), penetrating a total section of 75,821.3 m. Of those wells classed as exploratory, 34% were successful. Development drilling was 55% successful.

Crude oil production in Ontario during 1980 amounted to 93,881.6 m^3, representing a 2.1% increase over 1979 production.

Natural gas production in Ontario increased approximately 14.8% from the previous year for a total output of 445,231.9 10^3 m^3 for 1980 compared to 387,930.8 10^3 m^3 in 1979.

Acknowledgments

G. Tanton compiled production tables; C. Hesselmans was responsible for computerized data processing; K. Kriter, P. Wright, R. Sealey and D. Parker assisted in data compilation; L. R. Laceby and I. Cameron drafted figures; and M. Bernardo and A. M. Martyniuk typed the manuscript. D. Beggs supervised publication through the Ontario Geological Survey.

I. Organization

The Petroleum Resources Section of the Ministry of Natural Resources operates under authority of the Petroleum Resources Act, 1971 and the Regulations made thereunder. Activities of the Section include licensing, regulation and inspection of exploration, drilling and production operations, as well as collection and dissemination of geological data and research. In addition, the Section continued its responsibility with respect to regional geological functions and technical assistance to the Ministry of Energy and the Ontario Energy Board on specific energy related matters.

Administration and engineering offices are located at 1106 Dearness Drive, London. Key staff within the Petroleum Section in 1980 are shown in Figure 1. Geological and sample repository facilities are located at 458 Central Avenue, London. Inspection staff operate from the various Regional and District offices throughout the Province as shown in Figure 2.

During 1975 the Section appointed a representative to Sector 4.02 of the Metric Commission, as well as an active member to its Legislative Sub-Committee. The Sub-Committee's purpose was to identify all measurement sensitive clauses and to prepare recommendations for their conversion to SI units. During 1978, final recommended changes were prepared in conjunction with the Metric Committee of the Ontario Petroleum Institute and legislation was enacted. After January 1, 1979, all measurement sensitive items must be reported in SI units. As a result of the new metric data, future annual summaries will be available only in metric format. Because of prohibitive cost, no attempt will be made to convert any of the Section's previous records to metric equivalents. Conversion programs for the computerized records will facilitate production of all existing geological and hydrocarbon production data in SI units.

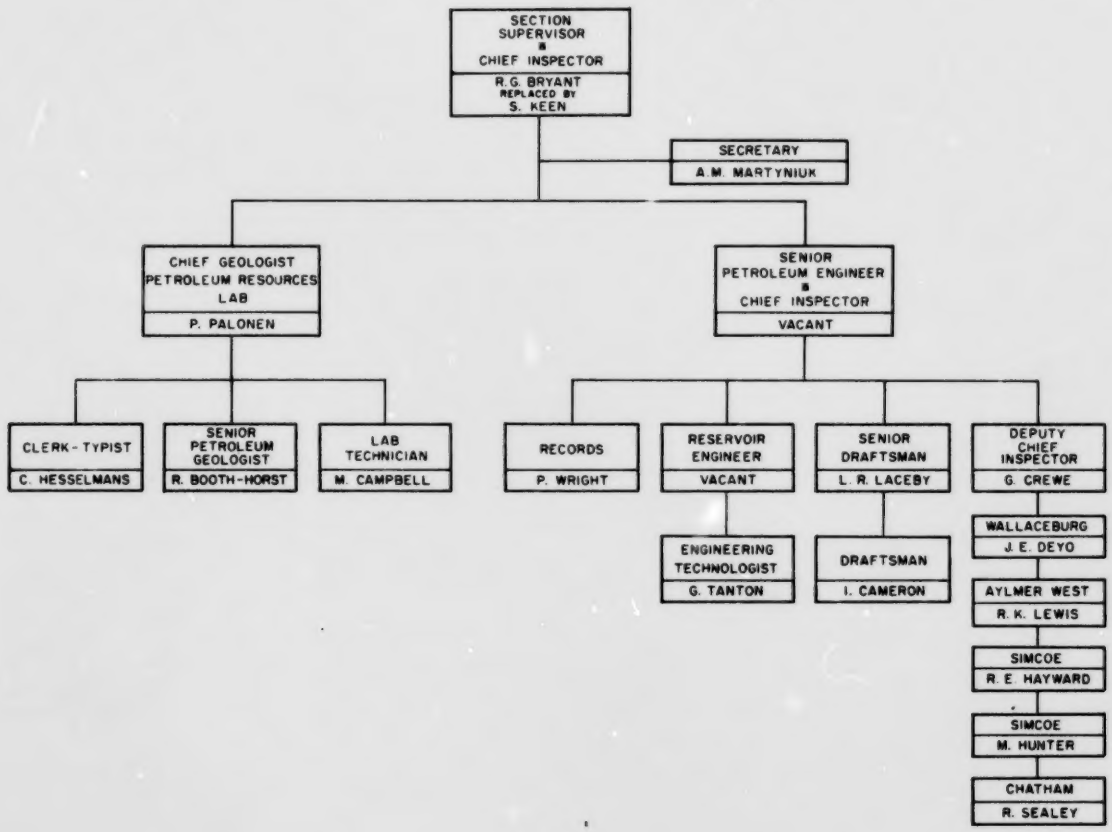


FIGURE 1. PETROLEUM RESOURCES SECTION ORGANIZATIONAL CHART.

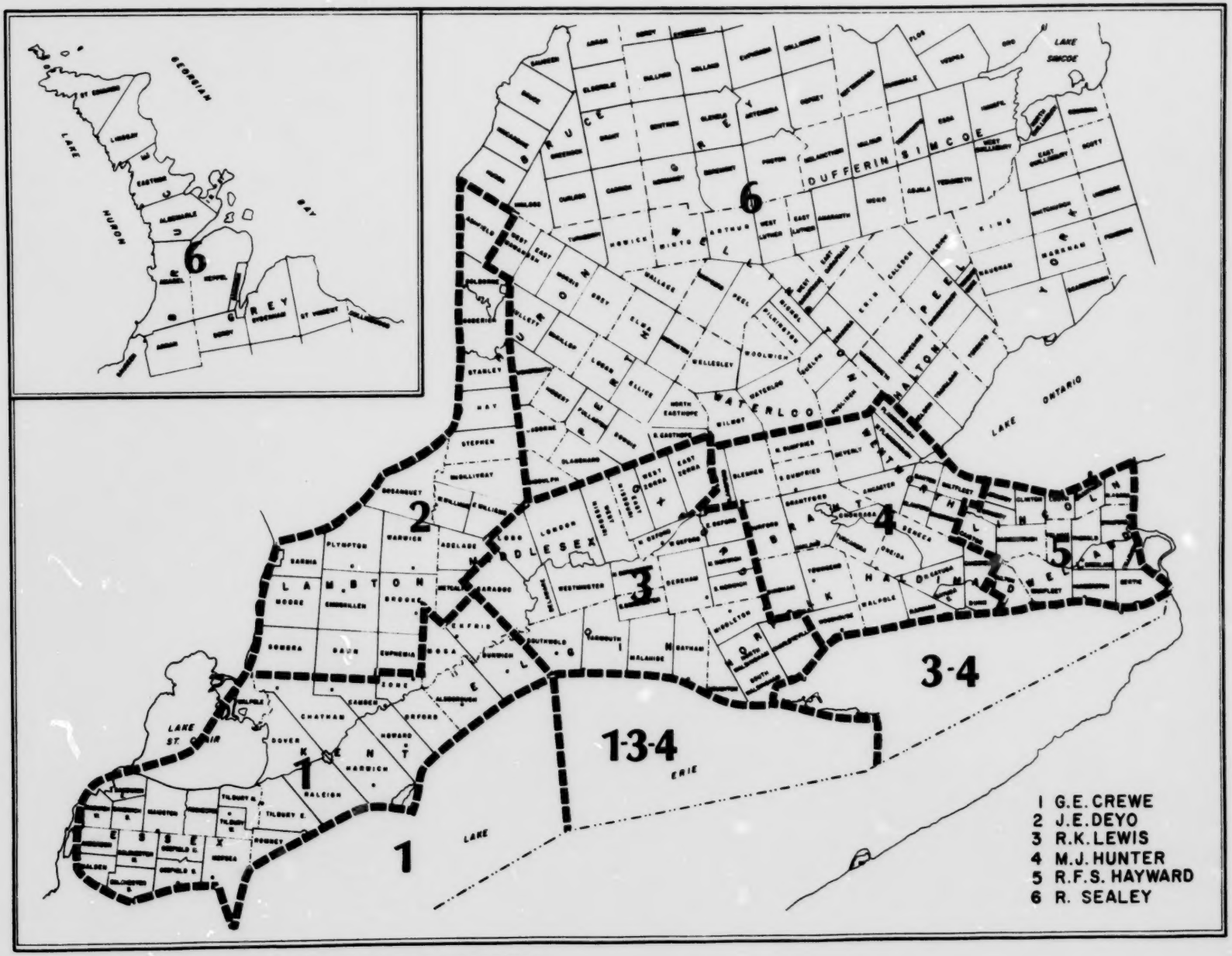


FIGURE 2. PETROLEUM RESOURCES INSPECTION AREAS.

II. Petroleum Resources Data System

During 1975 the Petroleum Resources Section developed a computerized data processing system designed to store and retrieve a variety of geological, engineering and statistical data. The new system which was fully implemented during 1977, was shelved early in 1978. In September 1979, efforts began to re-establish a viable computer system for the Section and Industry. The system is currently capable of generating most of the computer reports listed in Table 1.

Reports listed in Table 1 are generated by accessing any or all of 3 basic data files: the well, production, and field files. The well file contains reasonably reliable information on approximately 12,600 wells drilled in Ontario, organized by latitude and longitude. Each well record contains all of the information shown on the well cards at the end of this paper.

The production file is organized by field name and is capable of storing a 20 year annual and 5 year monthly history of production data. The field file contains information pertaining to field location, type of pool, primary and secondary reserves, producing formations, etc. The field records stored within this file are organized alphabetically by field name. Since the old data system did not accommodate any of this type of information, the Petroleum Resources Data System began with an empty bank. Efforts are being made to fill these files, and currently, field location data and production information data back to 1974 have been stored.

The system is capable of operating conversationally or in batch mode. Runs made overnight are about half the cost of those made during computer prime-time. The user is only charged actual computing costs to the Section. All runs are printed in Toronto and must be sent by courier to London for verification. In the case of reports, results are usually available within 2 to 3 days.

As with all computer systems, reports generated by the Petroleum Resources Data System will only be as accurate as information stored within its banks. The Section is upgrading information stored in all data files on a continuous basis in order to make all reports more accurate and meaningful.

Data up to and including 1978 is available in Imperial units whereas data up to 1980 inclusive is in SI units. Information produced in subsequent years will be available only in metric units.

TABLE 1. AVAILABLE COMPUTER REPORTS.

Well File Report Writing Programs	
Report 2.1	*SUMMARY OF WELL COMPLETIONS* This report generates Table 8 for any given year.
Report 2.2A	*EXPLORATORY WELLS DRILLED* This report retrieves all of the exploratory wells drilled in a given year and, alphabetically by well name, lists: well name, latitude, longitude, sequence number, county, township, lot, concession, classification, final status, the flow and formation at which gas and/or oil were found and the water type and its formation.
Report 2.4	*DRILLING SUMMARY BY AGE* This report generates Table 11 for any given year.
Report 2.5	*DRILLING SUCCESS RATIO* This report generates Table 12 for any given year.
Report 2.6	*LAKE ERIE DRILLING* This report generates Table 13 for any given year.
Report 2.20	*ALPHABETIC INDEX OF WELLS* This report generates the alphabetic index for Appendix IV for any given year
Report 2.21	*PERMIT NUMBER INDEX OF WELLS* This report generates the permit number index for Appendix IV for any given year.
Report 2.24	*SUMMARY OF CASING RECORDS* This report retrieves all wells that have a casing record, sorts them into county, township and concession order and prints out for each well the well name, county, township, lot, concession, co-ordinates, casing record (size, weight, setting and number of metres recovered).
Report 2.25A	*ONTARIO WELL SAMPLE INDEX* This report retrieves all of the wells that have drill cutting samples stored at the Section's laboratory in London. The report sorts the wells into county, township, lot, concession order, and reports this information, together with the latitude, longitude, sequence number, co-ordinates, ground elevation, total depth, year completed, age of oldest rock penetrated, sample interval, number of bottles and the sample repository tray number.
Report 2.25B	*ONTARIO WELL CORE INDEX* This report retrieves all wells that have been cored, sorts them into county, township, lot, concession order and reports this information with the well name, co-ordinates, ground elevation, total depth, year completed, core condition (which indicates the type of core available, i.e. chips, full width slab, etc.), geological formation of the core and the core rack number.
Report 2.37	*WELL SUMMARY CARD* This report generates the well cards given at the back of this book.

TABLE 1. CONTINUED.

Report 3.0	*WELL SCAN* This report sorts the well records retrieved into county, township, lot, concession, tract order and prints this information out along with the well name, co-ordinates, permit number, latitude, longitude, sequence number, completion date, abandonment date, total depth, and operator.
Report 3.1	*HYDRAULIC PRESSURE GRADIENT* Using the initial gas record, this report calculates the static hydraulic pressure gradient for each well record retrieved over a specified area and within specified producing formations. The pressure gradient is further averaged by county and by township.
Report 3.2	*DOWNHOLE LOGS* This report lists, in county, township, tract, lot, concession order the well name, all location information, completion date, status, T.D. and complete logging record for all records retrieved.

Field and Production File Report Writing Programs

Report 2.7	*ONTARIO OIL PRODUCTION BY FIELD* This report generates Table 18 for any given year, but does not list active or suspended wells.
Report 2.8	*NATURAL GAS PRODUCTION BY FIELD* This report generates Table 22 for any given year, but does not list active or suspended wells.
Report 2.9	*OIL PRODUCTION BY AGE* This report generates Table 20 for any given 5 year range.
Report 2.10	*OIL PRODUCTION BY COUNTY* This report generates Table 21 for any given year.
Report 2.11	*OIL PRODUCTION IN ONTARIO BY FIELDS* This report generates Table 19 for any given 5 year range.
Report 2.12	*GAS PRODUCTION BY COUNTY* This report generates Table 24 for any given year.
Report 2.13	*LAKE ERIE GAS PRODUCTION* This report generates Table 26 for any given year, but does not list active/suspended wells.
Report 2.15	*GAS PRODUCTION IN ONTARIO* This report generates Table 23 for any given 5 year range.
Report 2.16	*GAS STORAGE — SOUTHWESTERN ONTARIO* This report retrieves all storage field records and reports for each storage field, its producing formation, operator, working reservoir capacity and the original reservoir pressure.
Report 2.26	*MONTHLY CRUDE OIL PRODUCTION BY FIELD* This report retrieves all units that show monthly oil production in a given month and year or in the preceding year and reports the following information for each unit in order of county and field: county, field, unit number, the given month's production, the percentage of the total provincial production, cumulative year to date production with its percentage of the total provincial production for the year and previous year and the change in percentage, next month's estimated production and an estimate on the year end's production.
Report 2.27	*MONTHLY NATURAL GAS PRODUCTION BY FIELD* This report is identical to Report 2.26 except that gas production figures are noted.
Report 2.28	*LAKE ERIE MONTHLY NATURAL GAS PRODUCTION BY FIELD* This report is the same as Report 2.27 but applies to Lake Erie gas production only.

III. Geophysical and Geochemical Activity

During 1980, 33 licences to conduct geophysical or geochemical exploration for oil and gas in Ontario were issued (Table 2).

Geophysical and geochemical activity decreased from 2748.5 kilometres in 1979 to 2704.0 kilometres in 1980 (Table 3). No activity was reported in Bruce County during 1979 although during 1980 78.6 kilometres of surveys were run. From 1979 to 1980, activity increased in Essex County (11.1 to 57.7 km), Kent County (15.5 to 15.7 km) and Lake Erie (1155.8 to 1421.1 km). Activity decreased 36% in Elgin County, 47% in Huron County, 20% in Lambton County and 15% in Middlesex County. Approximately 52.6% of the activity during 1980 was in Lake Erie, 29.7% in Lambton County, 7% in Huron County, 3.1% in Elgin County, 2.8% in Bruce County, 2.1% in Essex County, 1.9% in Middlesex County and 0.6% in Kent County.

The number of crew months of geophysical and geochemical activity decreased from 62.9 in 1979 to 32.5 in 1980.

Seismic surveys were carried out in Elgin County (85.1 km), Essex County (57.7 km), Huron County (28.3 km), Kent County (13 km), Lake Erie (1421.1 km), Lambton County (705.2 km) and Middlesex County (44.1 km).

Radiometric surveys were conducted in Bruce (76.8 km), Huron (101.3 km), Kent (2.7 km), Lambton (70.2 km), and Middlesex (8.5 km) counties. Sixty-one kilometres of magnetic surveys were conducted in Huron County and 29 km in Lambton County. The total number of kilometres run for various geophysical surveys during 1980 was 2354.5 km of seismic surveys, 259.5 km of radiometric surveys, and 90 km of magnetic surveys.

TABLE 2. PERSONS LICENCED TO CONDUCT GEOPHYSICAL-GEOCHEMICAL EXPLORATION, 1979.

Amoco Canada Petroleum Co. Ltd.	Calgary, Alta.
Anschutz (Canada) Exploration Ltd.	Calgary, Alta.
Bluewater Oil & Gas Ltd.	Calgary, Alta.
Bowman Development Ltd.	Calgary, Alta.
Camel Oil & Gas Ltd.	London, Ont.
Canada-Cities Service Ltd.	Calgary, Alta.
Canadian Superior Oil Ltd.	Calgary, Alta.
Cangeo Ltd.	Oil Springs, Ont.
Chatham, William T.	Hamilton, Ont.
Chemical Projects Ltd.	Rexdale, Ont.
Consumers' Gas Co.	Scarborough, Ont.
Elexco Ltd.	London, Ont.
FitzGerald, Norman D.	Abilene, Texas
Indian and Northern Affairs	Toronto, Ont.
Kenting Exploration Services Ltd.	Calgary, Alta.
Klenk, William C. III	Grosse Pointe, Mich.
McCollum, E.V. & Co.	Tulsa, Oklahoma
Michigan Oil Co.	Alma, Mich.
Mid Eastern Oil & Gas Ltd.	London, Ont.
Milton Resources Ltd.	London, Ont.
Mitchell Energy Corporation	Houston, Texas
Morris, James	Englehart, Ont.
Murphy Oil Co. Ltd.	Calgary, Alta.
Pounder, Harmon & Hill Inc.	London, Ont.
Ram Petroleums Ltd.	Toronto, Ont.
Seis-Ex Geophysical Ltd.	Lakewood, New York
Shell Canada Resources Ltd.	Calgary, Alta.
Sourcex Geophysical Ltd.	Calgary, Alta.
Spelman Prentice	Casper, Wyoming
Stewart Oil Associates	Toronto, Ont.
Talcorp Services Limited	Toronto, Ont.
Union Gas Co. of Canada Ltd.	Chatham, Ont.
William Sims Industries Ltd.	Mississauga, Ont.
TOTAL	33

TABLE 3. GEOPHYSICAL AND GEOCHEMICAL ACTIVITY, 1978-1980.

COUNTY	1978 KILOMETRES	1978 CREW MONTHS	1979 KILOMETRES	1979 CREW MONTHS	1980 KILOMETRES	1980 CREW MONTHS
Brant	—	—	7.0	.03	—	—
Bruce	55.8	4.7	—	—	76.8	1.3
Cochrane	—	—	—	—	—	—
Elgin	3.1	.03	132.0	2.1	85.1	1.7
Essex	—	—	11.1	3.0	57.7	1.2
Huron	590.9	5.5	357.4	7.2	190.6	3.3
Kent	24.0	2.4	15.5	1.3	15.7	.2
Lake Erie	—	—	1155.8	7.3	1421.1	1.3
Lambton	1095.8	15.1	1007.6	40.7	804.4	22.2
Middlesex	334.3	1.3	62.1	1.0	52.6	1.3
Norfolk	—	—	—	0.3*	—	—
Oxford	—	—	—	—	—	—
Perth	31.4	0.10	—	—	—	—
Welland	104.8	0.80	—	—	—	—
TOTALS	2240.1	29.9	2748.5	62.93	2704.0	32.5

*crew months can be attributed to helium survey totalling 40 samples

METHOD	1978 CREW MONTHS	1979 CREW MONTHS	1980 CREW MONTHS
Gravity	4.1	4.2	—
Seismic	20.3	52.1	26.5
Magnetic	0.7	—	1.5
Geochemical	—	0.3	—
Radiometric	6.0	6.0	4.5
Helium	—	0.3	—
TOTALS	31.1	62.9	32.5

METHOD	1980 COUNTY	1980 KILOMETRES	TOTAL
Gravity	—	—	—
Seismic	Elgin	85.1	
	Essex	57.7	
	Huron	28.3	
	Kent	13.0	
	Lake Erie	1421.1	
	Lambton	705.2	
	Middlesex	44.1	2354.5
Geochemical	—	—	—
Radiometric	Bruce	76.8	
	Huron	101.3	
	Kent	2.7	
	Lambton	70.2	
	Middlesex	8.5	259.5
Magnetic	Huron	61.0	—
	Lambton	29.0	90.0
Helium	—	—	—
GRAND TOTAL			2704.0

IV. Leasing

A total of 215 licences to lease oil and gas rights were issued in 1980, compared with 196 during 1979 and 216 in 1978 (Table 4).

A. Onshore — Southwestern Ontario

A total of 202,402.5 hectares was acquired on land during 1980 compared with 111,153.7 hectares leased in 1979, representing an increase of 82%. Table 5 shows the number of hectares of land leased in Southwestern Ontario by county from 1978 to 1980. It should be noted that these figures only represent new hectares leased on freehold lands and therefore do not reflect total hectares under lease. Assignments are not included in these figures. From 1979 to 1980 land leasing activity decreased 68% in Bruce County, 81% in Huron County, 34% on Manitoulin Island, and 81% in Perth County. No land was leased in Waterloo or Wellington Counties. From 1979 to 1980 the number of hectares leased on land increased 59% in Elgin County, 39% in Lambton County, 42% in Middlesex County, and 99% in Norfolk County. Substantial increases in hectares leased were also recorded in Essex, Grey, Kent, Lincoln, and Oxford counties. Activity was initiated in Brant, Haldimand, Welland, and Wentworth counties.

B. Offshore — Lake Erie

In addition to the above responsibilities, the Section also administered Lake Erie Regulations governing disposition of natural gas, Licences of Occupation and Leases within Lake Erie under Ontario Regulations 546/71 made under The Mining Act. Transactions involving Crown land in Southwestern Ontario were again restricted to Lake Erie. The status of drilling in the other Great Lakes, specifically Lake Huron, Lake Ontario and Lake St. Clair, may be re-examined at some time in the near future by the International Joint Commission. However, until that time, drilling permits will only be issued for that portion of Lake Erie east of Pt. Pelee and production will continue to be limited to natural gas.

During 1980 all available land in Lake Erie remained under disposition to eight operators (Figure 3). Table 6 shows hectares licenced and leased for the period 1973 to 1980. Total hectares under disposition increased slightly from 1,100,199 in 1979 to 1,104,580 in 1980. A total of 215,002 hectares were under Lease and 889,578.0 were under License of Occupation. Of the 8 operators within the lake, Consumers' Gas Company of Toronto, and Anschutz (Canada) Exploration Limited of Calgary, are the major landholders. Together they hold mineral rights for the majority of the Canadian side of Lake Erie.

Land rental payments to the Crown during the fiscal year of 1980 for Lake Erie were $336,383.29 for Licences of Occupation and $274,313.86 for Leases. Total land rental payments during 1980 were $610,697.15 as compared to $477,468.18 during 1979. Royalty payments to the Crown during 1980 were $1,091,587.43 as compared to $726,629.96 during 1979. Total revenue to the Crown from land rental and royalties on Lake Erie during 1980 was $1,702,284.58.

C. Hudson and James Bay Lowlands

The Petroleum Resources Section and personnel of Northern Region, Ministry of Natural Resources administer most functions with respect to licensing and leasing of oil and gas rights on Crown Lands in the Hudson and James Bay Lowlands. These functions are administered under Regulation 604 R.S.O. 1970, which regulates oil and gas Licences of Occupation and Leases on Crown Lands above the 51st parallel of latitude. No petroleum or natural gas licences or leases were held or issued in this area during 1980 although enquiries or applications were made during 1980. A licence was issued September 1, 1980 to the Ontario Energy Corporation to explore for lignite and bituminous shale in the Lowlands.

TABLE 4. PERSONS LICENCED TO LEASE OIL OR GAS RIGHTS, 1980.

A.I.S. Resources Ltd.	Wardsville, Ont.
Anschutz (Canada) Exploration Ltd.	Calgary, Alta.
Anvil Investments Ltd.	Islington, Ont.
Arbuckle, Ernie	London, Ont.
Ariss, Margaret	Bassano, Alta.
Atlas Oil & Gas Limited	Scarborough, Ont.
Badyk, Jeffrey M.	Edmonton, Alta.
Barnes, Kenneth	Oil Springs, Ont.
Beach, Percy J.	Thorold, Ont.
Bear Creek Resources Ltd.	Toronto, Ont.
Bell Stewart M.	Barrie, Ont.
Billings, John	London, Ont.
Bishop, Arthur A.	Calgary, Alta.
Bluewater Oil & Gas Ltd.	Calgary, Alta.
Bogaert, Michael P.	Brigden, Ont.
Bonhomme, J.C.	Agincourt, Ont.
Bowes, Timothy	London, Ont.
Bowman Development Ltd.	Calgary, Alta.
Bowman, H.E.	Calgary, Alta.
Boyce, G.D.	Chatham, Ont.
Boyce, Paul F.	Chatham, Ont.
Brett, Harold B.	London, Ont.
Burt, R.R.	Orangeville, Ont.
Burton, John T.	Islington, Ont.
Caley, Thomas G.	Metamora, Michigan
Cambrian Disposals Ltd.	Chatham, Ont.
Camel Oil & Gas Ltd.	London, Ont.
Cameron Petroleums Ltd.	London, Ont.
Cameron, Michel A.	Jackson, Mich.
Campbell, Keith	Merlin, Ont.
Canada-Cities Service Ltd.	Calgary, Alta.
Canadian Superior Oil Ltd.	Calgary, Alta.
Caradoc Resources Ltd.	Calgary, Alta.
Carmichael, D.H.	Toronto, Ont.
Carnegie, Donald	Chatham, Ont.
Chatham Associates Ltd. W.T.	Hamilton, Ont.
Chatham, William T.	Hamilton, Ont.
Clarke, Gerald W.	London, Ont.
Clarke, William C.	Sarnia, Ont.
Clarysse, Roger	Simcoe, Ont.
Coatsworth, T. Emerson	Chatham, Ont.
Coldicott, W.J.	Scarborough, Ont.
Colonial Petroleums Limited	Chatham, Ont.
Consumers' Gas Co.	Scarborough, Ont.
Corden, B.B.	St. Clair, Michigan
Craven Oil Company Ltd. Inc.	Dallas, Texas
Crawford, K.E. Ltd.	Chatham, Ont.
Cronk & Co. Ltd. Walt	Vittoria, Ont.
Dekker, Clarence	Chatham, Ont.
Dickenson Mines Ltd.	Toronto, Ont.
Dome Petroleum Ltd.	Calgary, Alta.
Dow Chemical of Canada, Ltd.	London, Ont.
Dustan, J.	Scarborough, Ont.
Dyer, John A.	London, Ont.
Easton, Douglas	Exeter, Ont.
Ego Resources Limited	Toronto, Ont.
Elexco Ltd.	London, Ont.
Elliott, Christopher B.	London, Ont.
Elson, M.	Chatham, Ont.
Emerson, H.	Dunnville, Ont.
Erieshore Industries Inc.	Toronto, Ont.
Esso Resources Canada Ltd.	Chatham, Ont.
Farrell, James	Milton, Ont.
Fast Petroleum	Niagara-on-the-Lake, Ont.
Filipetti, Terry M.	London, Ont.
FitzGerald, Norman D.	Abilene, Texas
Fontyn, G.	London, Ont.
Forbes, Terry	Chesterville, Ont.
Fotty, Cecil A.	Middletown, N.Y.
Fraser, C. Douglas	London, Ont.
Fraser, C.D. Land Services Ltd.	London, Ont.
Furgiuele, M.	Scarborough, Ont.
Gadger, Neil J.	London, Ont.
Gaiswinkler Enterprises Ltd.	Chatham, Ont.
Gaiswinkler, Leo F.	Chatham, Ont.
Gasoil Financial Corporation Ltd.	Wallaceburg, Ont.
Girling, William	Scarborough, Ont.
Gleason, John J.	Brantford, Ont.
Glenfred Gas Wells Ltd.	Jarvis, Ont.
Gourly, Robin N.	London, Ont.
Grimes, Barry	London, Ont.
Guenther, R.	London, Ont.
Hall, Leslie	Brigden, Ont.
Hannam, R.S. Wayne	London, Ont.
Hayes, Alasdair	London, Ont.
Herlufsen, Bent E.	London, Ont.
Higgins, Timothy	London, Ont.
Imperial Oil Limited	Chatham, Ont.
Inwood, Robin	Scarborough, Ont.
Jeffrey, Brian S.	London, Ont.
Jeffrey, Sydney J.	London, Ont.
Johnson, David L.	London, Ont.
Johnson, Kirsten	London, Ont.
Johnson, R.D.	London, Ont.
Johnstone, Kenneth	Calgary, Alta.
Kam-Kotia Mines Ltd.	Toronto, Ont.
Kamantia, Joseph A.	London, Ont.
Keenan, E.J.	Chatham, Ont.
Kenartha Oil & Gas Co. Ltd.	Markham, Ont.
Klenk, William C. III	Grosse Pointe, Mich
Kriter, Robert E.	Lambeth, Ont.
Lambton Area Industries Ltd.	Sarnia, Ont.
Lancaster, J.	Scarborough, Ont.
Langstaff, R.	Scarborough, Ont.
Ledgley, David D.	London, Ont.
Long Point Pipelines Ltd.	Burlington, Ont.
M.B.L. International Contractors Inc.	Windsor, Ont.
Magnusson, Magnus G.	London, Ont.
Maguire, R.C.	Calgary, Alta.
Malo, J.	Chatham, Ont.
Mann, R.E.	Simcoe, Ont.
Manson, Donald	Calgary, Alta.
Marcus, Harold Ltd.	Bothwell, Ont.
Marsh, Everett M.	Brigden, Ont.
Marsh, Thomas L.	Bothwell, Ont.
McClure Oil Co.	Alma, Michigan
McClusky, J.B. Ltd.	Willowdale, Ont.
McClusky, John B.	Willowdale, Ont.
McCollum, E.V. & Co.	Tulsa, Oklahoma
McKenzie, D.F.	Sarnia, Ont.
McKenzie, D.I.	Waterloo, Ont.
McKenzie, Garry D.	Columbus, Ohio
McLachlin, D.A.	Wallaceburg, Ont.
McLean, A.S.	Calgary, Alta.
Mclean Investment Ltd.	Calgary, Alta.
McMillan, D.A.	Rodney, Ont.
McMillan, Gordon	Blenheim, Ont.
McVittie, J. Neil	Georgetown, Ont.
Mickle, William	London Ont.
Mid Eastern Oil & Gas Ltd.	London, Ont.
Mid-North Engineering Services Ltd.	Toronto, Ont.
Milton Resources Ltd.	London, Ont.
Mitchell, David G.	Vittoria, Ont.
Mitchell Energy Corporation	Houston, Texas
Mitchell Energy Corporation	Wheatley, Ont.
Mitchell, Philip	London, Ont.
Moffat Lake Exploration Inc.	Toronto, Ont.
Morris, James	Englehart, Ont.
Morrison, Robert J.	Langton, Ont.
Murphy Oil Co. Ltd.	Calgary, Alta.

CONTINUED

TABLE 4. CONTINUED.

New Bedford Resources & Developments Limited	Toronto, Ont.
Newport, Lorne T.	Wardsville, Ont.
Nichol, J.J.	London, Ont.
Norman, Dale A.	London Ont.
Oil & Gas Co. Ltd.	Milton, Ont.
Olimer, Jeffrey M.	London, Ont.
Onshore Petroleums Ltd.	Islington, Ont.
Pan Canadian Petroleum Ltd.	Calgary, Alta.
Parker, Ronald	Toronto, Ont.
Patterson, Douglas	London, Ont.
Pegg, Leonard A.	Murpeth, Ont.
Petro-Canada Exploration Inc.	Calgary, Alta.
Petrolia & Enniskillen Liquid Disposal & Recovery Co. Ltd.	Petrolia, Ont.
Petrotech Inc.	St. Clair, Michigan
Place Gas & Oil Company Ltd.	Toronto, Ont.
Pope, William	Bothwell, Ont.
Pope, William Jr.	Bothwell, Ont.
Pounder, Harmon & Hill Inc.	London, Ont.
Prentice Spelman	Casper, Wyoming
Procan Resources	Toronto, Ont.
Putman, Scott J.	Petrolia, Ont.
Ram Petroleums Ltd.	Toronto, Ont.
Rawlings Drilling Co. Ltd.	Chatham, Ont.
Rawlings, F.S.	Chatham, Ont.
Rayment, Oliver B.	Chatham, Ont.
Realoil Enterprises Limited	Chatham, Ont.
Remenda, C.	Calgary, Alta.
Repsys, John	London, On.
Riddell, B.	Highland Park, Mich.
Riddell Hanna Exploration Ltd.	Highland Park, Mich.
Rife, K.C.	Galt, Ont.
Roth E.A.	Petrolia, Ont.
Roth & Roth Ltd.	Petrolia, Ont.
Rowe, E.P.	London, Ont.
Rowe, M. McLellan	Brights Grove, Ont.
Seis-Ex Geophysical Ltd.	Lakewood, New York
Shakleton, G. Alvin	Chatham, Ont.
Sharman, James D.	London, Ont.
Shawnee Petroleums Ltd.	Mississauga, Ont.
Shea, Barry J.	Toronto, Ont.
Shell Canada Resources Ltd.	Calgary, Alta.
Shirley, Robert D.	Orangeville, Ont.
Sidasa Petroleums Limited	New Dundee, Ont.
Sims Industries William Ltd.	Mississauga, Ont.
Simpson, Jay S.	London, Ont.
Smiley, Clifford M.	London, Ont.
Smith, G.	Windsor, Ont.
Smith (Ron) Well Drilling Co. Ltd.	Denfield, Ont.
Starlite Gas Co. Ltd.	Lakeview, New York
Stevenson, Charles G. Drilling Ltd.	Dresden, Ont.
Stewart Oil Associates	Toronto, Ont.
Stokowski, Walter	Calgary, Alta.
Sturgeon, Calvin F.	London, Ont.
Suburn Petroleums Ltd.	North Bay, Ont.
Sunburst Oil Company	London, Ont.
Tapp, David, Richard	London, Ont.
Tecumseh Gas Storage Limited	Scarborough, Ont.
Thibodeau, Leo J.	Windsor, Ont.
Thomas, D.W.	Port Elgin, Ont.
Tundra Exploration Ltd.	Calgary, Alta.
Union Gas Ltd.	Chatham, Ont.
Universal Explorations Limited	Calgary, Alta.
Villani, Aldo M.	London, Ont.
Warren, David M.	London, Ont.
Wassman, Steven C.	St. Clair, Michigan
Wellandport Gas Co. Ltd.	Dunnville, Ont.
Western Land Services Co. Ltd.	London, Ont.
Whelan, Barry L.	Calgary, Alta.
White Resources Management Ltd.	Calgary, Alta.
Whitty, N.	Scarborough, Ont.
Wilson, D. Alexander	London, Ont.
Wilton, B.H.	Scarborough, Ont.
Wilton, Harold R.	Chatham, Ont.
Woodcock, P.	Chatham, Ont.
Wright, James C.	Scarborough, Ont.
TOTAL	215

TABLE 5. HECTARES LEASED — LAND AREA, 1978-1980.

COUNTY	1978	1979	1980
Brant	1,474.0	—	13,451.0
Bruce	8,401.8	969.7	314.5
Dufferin	—	—	—
Elgin	19,062.0	22,521.0	35,915.9
Essex	2,108.2	648.3	12,950.4
Grey	—	34.8	1,017.0
Haldimand	2,182.3	—	1,681.9
Huron	26,472.3	11,968.6	2,296.7
Kent	20,124.9	4,801.2	10,269.2
Lambton	36,475.1	46,366.1	64,609.7
Lincoln	—	881.8	7,765.7
Manitoulin Island	—	404.7	268.7
Middlesex	37,736.4	8,087.3	11,492.1
Norfolk	4,165.4	2,659.0	5,301.5
Oxford	869.3	6,473.0	33,553.7
Perth	19,270.2	2,373.1	462.4
Waterloo	413.5	97.1	—
Welland	1,589.1	—	763.6
Wellington	—	2,868.0	—
Wentworth	402.5	—	288.5
TOTAL	180,747.0	111,153.7	202,402.5*

*plus 1529.7 ha of land lying beneath Lake Erie south of the townships of Walpole and Woodhouse on the Haldimand-Norfolk border
(Lease: Mitchell Energy Corporation) = 203932.2 ha total

TABLE 6. HECTARES UNDER DISPOSITION — LAKE ERIE, 1972-1980.

	LICENCES OF OCCUPATION	LEASES	TOTAL HECTARES
1972	594,437.6	62,236.3	656,673.9
1973	962,821.6	64,530.8	1,027,352.4
1974	1,011,015.2	71,206.1	1,082,221.3
1975	1,021,269.2	71,464.3	1,092,733.5
1976	1,019,282.2	74,256.5	1,093,528.7
1977	999,396.0	94,132.8	1,093,528.8
1978	961,746.0	157,274.3	1,119,020.3
1979	887,280.9	212,918.7	1,100,199.6
1980	889,578.0	215,002.0	1,104,580.0

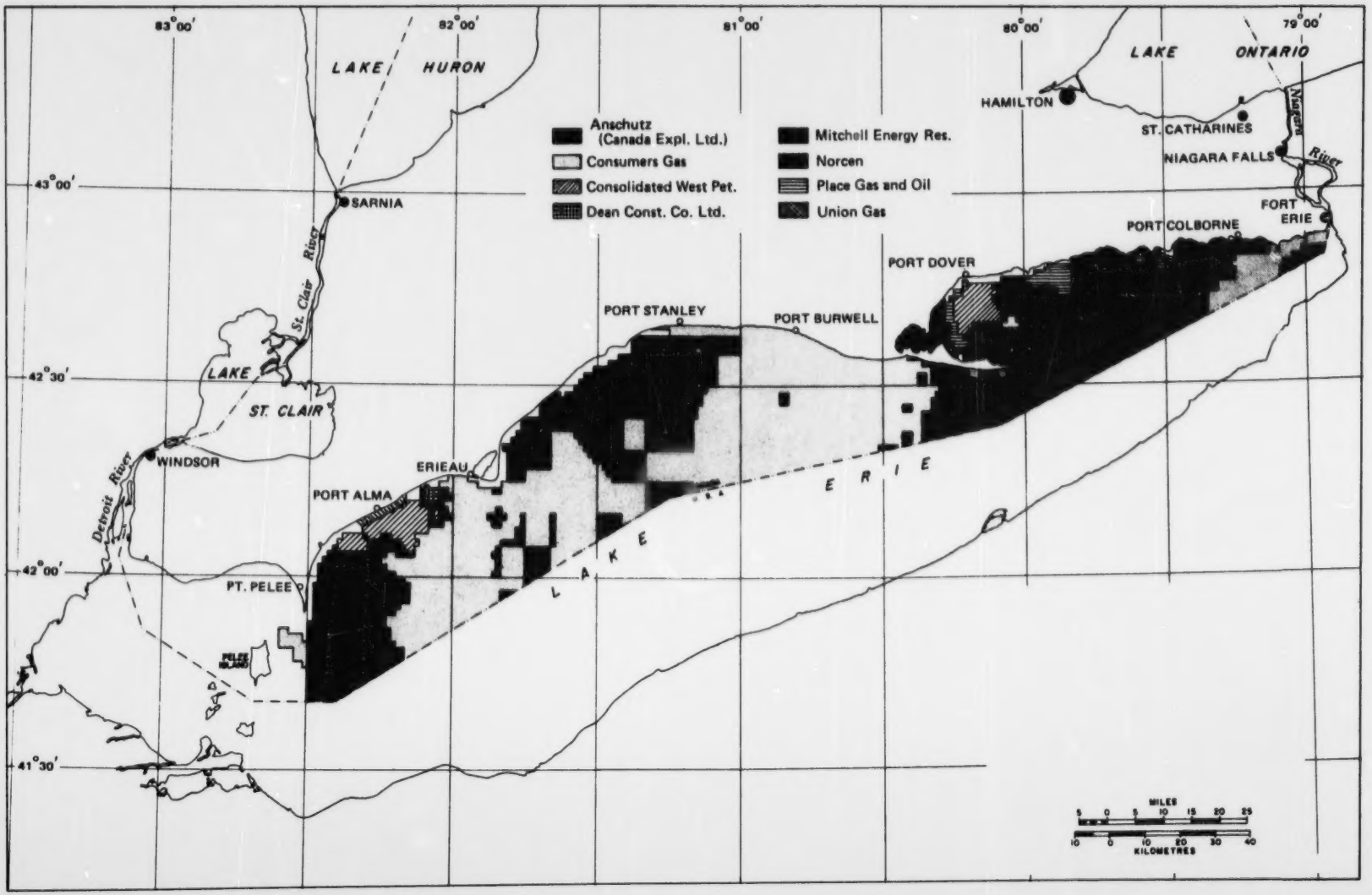


FIGURE 3. LAKE ERIE — LICENCES AND LEASES.

V. Drilling

Fifty-seven licenses for drilling machines were issued in 1980 (Table 7). Table 8 is a summary of wells drilled during 1980 by classification, county and township. A total of 249 wells including 10 lost holes were drilled during 1980, up 7% from the 232 wells reported in 1979. Total metres decreased 4% from 123,632.5 m in 1979 to 118,381.9 m in 1980. Of the 249 wells drilled, 104 were classified as exploratory compared with 67 from the previous year, 121 as development (compared with 142 from 1979), 14 as "other" (compared to 13 in 1979), and 10 as lost (compared to 10 in 1979). The "other" category includes stratigraphic test, disposal, petroleum products storage, gas storage, liquified petroleum products storage, brine, suspended storage, and re-entry wells. Successful exploratory wells are listed in Table 9, whereas important dry exploratory tests are listed in Table 10.

Thirty-five successful exploratory tests were drilled in Ontario during 1980; 5 gas producers and 2 oil producers in Elgin County; 3 gas producers in Haldimand County; 2 gas producers and 1 oil producer in Kent County; 3 gas producers in Lambton County; 4 gas producers in Lincoln County; 1 gas producer in Middlesex County; 11 gas producers in Norfolk County; 1 gas producer in Oxford County; and 2 gas producers in Welland County. Thirty-two exploratory gas producers were divided as follows: 6 in the Salina-Guelph and 26 in the Clinton-Cataract. One exploratory oil producer was drilled in the Devonian, 1 in the Salina-Guelph, and 1 in the Ordovician for a total of three. In addition, exploratory abandoned gas shows were drilled in Oxford (2), Elgin (5), Kent (2) and Norfolk (7) counties. An exploratory oil show was drilled in Lambton County and wells with both oil and gas shows were drilled in Oxford (1), Elgin (1), Lambton (1) and Kenty (1) counties (Table 10).

Tables 11 and 12 summarize drilling by geological target. Exploratory drilling to the Devonian during 1980 was 50% successful. Results were 1 oil producer and 1 dry well. Wells drilled to the Salina-Guelph in the exploratory class during 1980 were 24% successful. Of 29 wells whose target was the Salina-Guelph, 6 were gas producers, 1 was an oil producer and 22 were dry. Exploratory wells drilled to the Clinton-Cataract were 41% successful and consisted of 26 gas producers and 38 dry wells for a total of 64. One exploratory Ordovician well was successful. Eight dry Cambrian exploratory wells were drilled. Exploratory drilling was 34% successful as compared to 22.4% successful during 1979.

Four Devonian development wells were oil producers and one was dry for a total of five and 80% success.Salina-Guelph development wells were 40% successful and consisted of 4 gas producers, 4 oil producers, and 12 dry holes for a total of 20. Clinton-Cataract development wells were 58% successful and totalled 96. Fifty-six of these were gas producers whereas 40 were dry holes. In the development class, 1 dry well was drilled into sedimentary rocks of Ordovician age and 2 dry wells into Cambrian strata. As in 1979, development class drilling during 1980 was 55% successful.

Drilling in the exploratory and development categories combined was 45% successful. The Silurian was the main drilling target during 1980, with 62 wells drilled into the Salina-Guelph and 160 into the Clinton-Cataract. Seven wells were drilled into Devonian, 2 into Ordovician and 11 into Cambrian strata.

A. Onshore—Southwestern Ontario

Onshore in Southwestern Ontario a total of 113 wells (not including 4 lost holes) were drilled, up 12% from the 101 holes drilled during 1979. Of this total, 54 were classified as exploratory of which 15 were completed as gas producers, 3 as oil producers, and 36 as dry, for a total of 31586.7 m. Of the 45 development wells drilled, 18 were gas producers, 8 were oil producers and 19 were dry, for a total of 10,452.3 m. Exploratory wells drilled onshore during 1980 were 33% successful as compared to 16% in 1979. Development wells drilled onshore in 1980 were 58% successful compared to 89% in 1979. The 14 wells drilled in the "other" category accounted for a total of 8383.5 m and include 1 re-entry well, 1 disposal well, 3 petroleum products storage wells, 1 liquified petroleum products storage well, 1 stratigraphic test test well, 1 gas storage well, 5 brine wells and 1 suspended storage well.

A total of 50422.5 m were drilled on land during 1980 not including 521.6 m accounted for by lost holes.

B. Offshore—Lake Erie

During 1980, 6 drilling rigs operated on Lake Erie. Two rotary-equipped jack-up platforms, the "Mr. Neil" and "Timesaver II" and one floating drill ship the "Telesis" were operated by Underwater Gas Developers Limited (a wholly-owned subsidiary of Consumers' Gas Company, Toronto). Of these the "Mr. Neil" was rendered unserviceable for half of the season due to an accidental fire. Two floating drill ships, the "Mr. Chris" and "Miss Libby" were operated by Anschutz Canada Exploration Limited. A cable tool-equipped jack-up platform owned and operated by Place Gas and Oil of Toronto was also active. During 1980, 126 wells (not including 6 lost holes) were drilled in Lake Erie for a cumulative total of 1373 wells drilled on Lake Erie (Figure 4). The 126 wells in 1980 compare with 121 wells in 1979 (Table 13). Total metres drilled increased from 66,377.8 m during 1979 to 75,159.3 m during 1980, an increase of 13%. Of the 126 wells, 50 were exploratory and 76 were development wells. Seventeen exploratory wells were completed as gas producers and 33 were dry for a total of 29,657.4 metres. Offshore exploratory drilling was 34% successful.

Of 76 development wells, 39 were gas producers and 37 were dry, for a total of 45,501.9 m. Development drilling offshore was 51% successful.

Drilling offshore in the development and exploratory categories combined was 44% successful.

TABLE 7. OWNERS OF LICENSED DRILLING MACHINES, 1980.

Allied Drilling & Servicing Ltd.	Wardsville, Ont.	1	Newport, James R.	Oil Springs, Ont.	1
Anschutz (Canada) Exploration Limited	Dunnville, Ont.	2	Newport, Lorne T.	Wardsville, Ont.	2
Ashburn Drilling Co.	Bothwell, Ont.	1	Newport, Wellington R. & Sons	Wardsville, Ont.	3
S. J. Atkinson & Son Drilling	Petrolia, Ont.	1	Place Gas & Oil Co. Ltd.	Toronto, Ont.	2
Bear Creek Resources Limited	Toronto, Ont.	1	Rawlings Drilling Co. Ltd.	Chatham, Ont.	5
Canada Cities Service Ltd.	Rodney, Ont.	1	Rose, Charles	Port Rowan, Ont.	1
Casselman, Ramon H.	Williamsburg, Ont.	1	Rose, Murray Drilling Inc	Port Rowan, Ont.	2
Corunna Petroleum Ltd	Corunna, Ont.	2	Scanlan, Kenneth A. & K. Ross, Drilling	Brownsville, Ont.	1
Dawn Petroleums	Brigden, Ont.	1	Shaw, Charles Drilling Ltd.	Florence, Ont.	4
Durl Hopper Limited	Seaforth, Ont.	2	Smith (Ron) Well Drilling	Denfield, Ont.	3
Faulkner Well Drilling Co. Ltd.	Peterborough, Ont.	1	Snider Drilling Equipment Ltd.	Barrie, Ont.	1
Forbes, Terry	Chesterville, Ont.	1	Stevenson Drilling Ltd.	Dresden, Ont.	1
International Water Supply Ltd.	Barrie, Ont.	1	Stewart Well Drilling	Jarvis, Ont.	1
Marsh, Tom	Bothwell, Ont.	1	Underwater Gas Developers	Port Colborne, Ont.	7
Moerschfelder, Fred	Fisherville, Ont.	2	Unicor Drilling Limited	Calgary, Ont.	1
Montgomery Bros.	Selkirk, Ont.	1	Union Gas Co. of Canada Ltd.	Chatham, Ont.	1
Nauman, J.R.	Fisherville, Ont.	1	TOTAL		57

TABLE 8. SUMMARY OF WELL COMPLETIONS FOR 1980.

COUNTY & TOWNSHIP	EXPLORATORY					DEVELOPMENT					OTHER	
	GAS	OIL	DRY	TOTAL	METRES	GAS	OIL	DRY	TOTAL	METRES	TOTAL	METRES
ELGIN	5	2	16	23	13144.0	2	—	15	17	10169.4	1	410
Aldborough	—	1	2	3	2483.9	—	—	—	—	—	1 re-entry	410
Bayham	—	—	2	2	929.0	—	—	—	—	—	—	—
Dunwich	1	1	—	2	726.0	—	—	—	—	—	—	—
Lake Erie	4	—	10	14	8098.1	2	—	15	17	10169.4	—	—
Malahide	—	—	2	2	907.0	—	—	—	—	—	—	—
ESSEX	—	—	—	—	—	—	—	2	2	1719.7	3	1309.2
Gosfield N.	—	—	—	—	—	—	—	1	1	1017.4	—	—
Gosfield S.	—	—	—	—	—	—	—	—	—	—	1 disposal	396.2
Malden	—	—	—	—	—	—	—	1	1	702.3	—	—
Sandwich W.	—	—	—	—	—	—	—	—	—	—	2 (P.P. stg., L.P.P. stg.)	913
HALDIMAND	3	—	1	4	2227	31	—	12	43	16297.5	—	—
Lake Erie	3	—	1	4	2227	29	—	11	40	15572.1	—	—
Seneca	—	—	—	—	—	1	—	—	1	158.5	—	—
Walpole	—	—	—	—	—	1	—	1	2	566.9	—	—
HURON	—	—	3	3	1770	—	—	—	—	—	1	259
Colborne	—	—	1	1	625	—	—	—	—	—	—	—
Goderich	—	—	1	1	601	—	—	—	—	—	1 (strat. test)	259
Stanley	—	—	1	1	544	—	—	—	—	—	—	—
KENT	2	1	7	10	6800.8	—	2	3	5	1477.3	—	—
Dover	—	—	1	1	1158.8	—	—	—	—	—	—	—
Lake Erie	2	—	5	7	4991.0	—	—	2	2	1134	—	—
Zone	—	1	1	2	651.0	—	2	1	3	343.3	—	—
LAMBTON	3	—	18	21	15564.2	1	6	12	19	12136.0	9	6405.3
Brooke	—	—	3	3	1808.8	—	—	1	1	637.0	—	—
Dawn	—	—	2	2	1178.4	1	1	2	4	2360.2	—	—
Enniskillen	—	—	3	3	1801.0	—	2	1	3	868.4	—	—
Moore	1	—	2	3	2178.0	—	1	4	5	3756.5	8 1 G.Stg. 5 Brine 1 Susp.Stg. 1 P.P.Stg.	5590.3
Plympton	—	—	4	4	3163.0	—	2	3	5	3819.4	—	—
Sarnia	2	—	4	6	5435.0	—	—	1	1	694.5	1 (P.P.Stg.)	815
LINCOLN	4	—	—	4	754.1	4	—	—	4	636	—	—
Gainsborough	4	—	—	4	754.1	4	—	—	4	636	—	—
MIDDLESEX	1	—	1	2	1009.8	—	—	—	—	—	—	—
Mosa	—	—	1	1	552.0	—	—	—	—	—	—	—
N. Dorchester	1	—	—	1	457.8	—	—	—	—	—	—	—
NORFOLK	11	—	19	30	16685.5	12	—	10	22	11011.5	—	—
Charlotteville	—	—	—	—	—	1	—	—	1	378.5	—	—
Houghton	3	—	2	5	2344.2	1	—	2	3	1425.6	—	—
Lake Erie	8	—	17	25	14341.3	8	—	8	16	8253.4	—	—
N. Walsingham	—	—	—	—	—	—	—	—	—	—	—	—
S. Walsingham	—	—	—	—	—	2	—	—	2	954	—	—
OXFORD	1	—	4	5	2897.6	—	—	—	—	—	—	—
Blenheim	—	—	2	2	1726.3	—	—	—	—	—	—	—
Dereham	1	—	1	2	803.9	—	—	—	—	—	—	—
N. Norwich	—	—	1	1	367.4	—	—	—	—	—	—	—
WELLAND	2	—	—	2	391.1	4	—	1	5	1165.7	—	—
Lake Erie	—	—	—	—	—	—	—	1	1	373.0	—	—
Pelham	2	—	—	2	391.1	1	—	—	1	198.3	—	—
Wainfleet	—	—	—	—	—	3	—	—	3	594.4	—	—
WELLINGTON	—	—	—	—	—	—	—	1	1	883.9	—	—
Arthur	—	—	—	—	—	—	—	1	1	883.9	—	—
WENTWORTH	—	—	—	—	—	3	—	—	3	457.2	—	—
Binbrook	—	—	—	—	—	1	—	—	1	146.3	—	—
Glanford	—	—	—	—	—	2	—	—	2	310.9	—	—
TOTAL	32	3	69	104	61244.1	57	8	56	121	55954.2	14	8383.5

TOTAL = 239 wells (117,198.3 m)
LOST HOLES = 10 (1,183.6 m)
GRAND TOTAL = 249 wells (118,381.9 m)

NOTE: Place-Mitchell 45-E:3A was a dry Cambrian exploratory well but a successful Clinton-Cataract development well. The well is only listed under the dry exploratory column.
Anschutz #4 Lake Erie 244-B (Elgin County, Lake Erie) and Consumers' 13738 124-H (Norfolk County, Lake Erie) were both dry Clinton-Cataract development wells but gas producing Salina-Guelph development wells. They are listed under the dry development classification only.

TABLE 9. SUCCESSFUL EXPLORATORY TESTS, 1980 (INCLUDES SOME SUSPENDED WELLS).

WELL NAME	COUNTY	TOWNSHIP	LOCATION	DATE	TOTAL DEPTH (M)	DEEPEST FORMATION	PRODUCING FORMATION	RESULTS	EXPL. CLASS
Consumers N.R.G. 32920 Houghton 6-9-III	Norfolk	Houghton	42 39 32 80 39 20	Feb. 1	483.9	Queenston	Grimsby	G.P.	N.P.W.
Consumers N.R.G. 32921 Houghton 3-9-E.N.R.	Norfolk	Houghton	42 40 23 80 41 33	Feb. 5	473.8	Queenston	Grimsby	G.P.	N.P.W.
Consumers N.R.G. 32925 Houghton 7-17-II	Norfolk	Houghton	42 42 46 80 40 15	Feb. 13	465	Queenston	Thorold Grimbsy	G.P. Susp.	N.P.W.
Dow Moore 5-6-III	Lambton	Moore	42 47 33 82 16 43	Mar. 27	648.3	Goat Island	Guelph Goat Island	G.P.	N.F.W.
Anschutz #1 Lake Erie 40-0	Haldimand	Lake Erie	42 42 38 79 39 09	May 5	383	Queenston	Thorold, Grimsby, Whirlpool	G.P.	N.P.W.
Bowman Dev. #10 Pelham 8-15-XIV	Welland	Pelham	42 58 52 79 21 35	Jan. 27	189.9	Queenston	Whirlpool	G.P. Susp.	N.P.W.
Consumers 13687 Lake Erie 185-L	Elgin	Lake Erie	42 17 21 80 51 50	May 19	635	Queenston	Grimsby	G.P.	Ext.
Anschutz #3 Lake Erie 42-T	Haldimand	Lake Erie	42 41 13 79 45 46	May 24	395	Queenston	Grimsby	G.P.	Ext.
Consumers 13717 Lake Erie 220-R	Kent	Lake Erie	42 11 32 81 22 33	June 22	698	Queenston	Grimsby	G.P.	Ext.
Realoil No. 10 Aldborough 4-A-VIII	Elgin	Aldborough	42 31 48 81 43 52	June 24	1188.7	Gull River	Gull River	O.P.	N.P.W.
Onshore-Pete Dunwich 8-A-Gore	Elgin	Dunwich	42 46 45 80 04 01	March 27	264	?	Dundee?	O.P. re-entry	N.P.W.
Rowe No. 1 Zone 6-5-IV	Kent	Zone	42 35 42 81 57 20	June 2	84.4	Lucas	Dundee	O.P.	N.P.W.
Unex No. 1 Dereham 5-8-III	Oxford	Dereham	42 58 47 80 46 57	July 17	372.4	Cabot Head	Clinton-Cataract	G.P.	N.P.W.
Blue True et al Sarnia 5-3-II	Lambton	Sarnia	42 55 32 82 15 05	July 18	745	?	Silurian	G.P.	N.F.W.
Consumers 13707 Lake Erie 56-P	Elgin	Lake Erie	42 36 45 80 54 50	Aug 24	343.4	Guelph?	Guelph	G.P.	N.P.W.
Unex #3 N Dorchester 2-5-III S.T.R.	Middlesex	N. Dorchester	42 57 06 80 57 30	Aug 22	457.8	Queenston	?	G.P.	N.P.W.
Anschutz #4 Lake Erie 89-M	Norfolk	Lake Erie	42 32 15 80 02 15	July 30	495	Queenston	Grimsby Cabot Head	G.P.	Ext.
Anschutz #4 Lake Erie 88-G	Norfolk	Lake Erie	42 33 11 79 58 13	July 25	484	Queenston	Thorold, Grimsby Whirlpool	G.P.	N.P.W.
Anschutz #4 Lake Erie 90-V	Norfolk	Lake Erie	42 30 11 80 06 15	Aug 16	525	Queenston	Thorold, Grimsby Whirlpool	G.P.	N.P.W.
Consumers 13734 Lake Erie 181-U-2	Elgin	Lake Erie	42 15 46 81 10 41	Sept 4	656	Queenston	Grimsby	G.P.	Ext.
Anschutz #4 Lake Erie 130-F	Norfolk	Lake Erie	42 28 20 80 04 12	Sept 5	526	Queenston	Grimsby	G.P.	N.P.W.
Consumers 13678 Lake Erie 186-J	Elgin	Lake Erie	42 18 02 80 45 06	Sept 22	622	Queenston	Thorold Grimsby	G.P.	N.P.W.
Unex #5 Gainsborough 2-7-III	Lincoln	Gainsborough	79 32 23 43 02 21	Sept 14	153	Queenston	Reynales, Thorold Whirlpool	G.P.	N.F.W.

CONTINUED

TABLE 9. CONTINUED.

WELL NAME	COUNTY	TOWNSHIP	LOCATION	DATE	TOTAL DEPTH (M)	DEEPEST FORMATION	PRODUCING FORMATION	RESULTS	EXPL. CLASS
Anschutz No. 4 Lake Erie 92-R	Norfolk	Lake Erie	42 31 19 80 17 16	Sept 18	505.5	Queenston	Thorold	G.P.	N.P.W.
Anschutz No. 4 Lake Erie 130-M	Norfolk	Lake Erie	42 27 15 80 02 15	Sept 15	538.7	Queenston	Grimsby Cabot Head	G.P.	N.P.W.
Anschutz #2 Lake Erie 19-I	Haldimand	Lake Erie	42 48 40 79 46 46	Oct 10	315	Queenston	Grimsby	G.P.	Ext.
C.W.P. Tilbury 287-E-I	Kent	Lake Erie	42 05 00 82 19 03	Oct 3	458.8	Guelph	Salina-Guelph	G.P.	N.P.W.
Anschutz #3 Lake Erie 127-A	Norfolk	Lake Erie	42 29 16 80 15 49	Sept 29	508.3	Queenston	Thorold Grimsby	G.P.	N.P.W.
Anschutz #3 Lake Erie 127-C	Norfolk	Lake Erie	42 29 15 80 17 15	Oct 5	547.5	Queenston	Grimsby	G.P.	N.P.W.
Unex #7 Gainsborough 1-19-III	Lincoln	Gainsborough	43 07 25 79 26 40	Oct 11	159.0	Queenston	Whirlpool	G.P.	N.F.W.
Unex No. 8 Gainsborough 7-14-III	Lincoln	Gainsborough	43 01 48 79 29 08	Oct 24	282.6	Queenston	Irondequoit	G.P.	N.F.W.
Consumers-Wiser 33160 Dunwich 3-7-ABF	Elgin	Dunwich	42 42 12 81 36 41	Sept 18	466	Guelph	A-1 Carbonate	G.P.	N.P.W.
Unex No. 9 Gainsborough 8-4-IV	Lincoln	Gainsborough	43 02 28 78 33 27	Nov 6	160.0	Queenston	Irondequoit	G.P.	N.F.W.
Dow Sarnia 1-8-Blk A	Lambton	Sarnia	42 55 18 82 21 39	Dec 10	800.8	Guelph-Lockport?	A-1 Carbonate Guelph	G.P.	N.P.W.

TABLE 10. IMPORTANT DRY EXPLORATORY TESTS, 1980.

WELL NAME	COUNTY	TOWNSHIP	LOCATION	DATE	TOTAL DEPTH (M)	DEEPEST FORMATION	FORMATION WITH SHOW	RESULTS	EXPL. CLASS
Drumbo No. 1 Blanford-Blenheim 11-VI	Oxford	Blenheim	43 13 44 80 32 10	Apr 29	847.3	Precambrian	Gull River	G.S. Abd.	N.P.W.
Consumers 13702 Lake Erie 217-D	Elgin	Lake Erie	42 14 02 81 08 30	June 17	670	Queenston	Hamilton	G.S. Abd.	N.P.W.
Camel Talcorp Enniskillen 6-10-VI	Lambton	Enniskillen	42 49 34 82 10 07	June 17	573	Gasport	E Carbonate A-1 Carbonate	O.S., G.S., S.W. Abd.	N.P.W.
Consumers 33119 Malahide 4-21-I	Elgin	Malahide	42 39 58 80 56 03	July 1	447	Grimsby	Dundee, Fossil Hill, E-Carbonate	G.S. Abd.	N.P.W.
Consumers 13730 Lake Erie 284-U	Kent	Lake Erie	42 00 26 82 00 10	July 8	1328	Precambrian	Bass Islands Collingwood, Cambrian	G.S., O.S. Abd.	N.P.W.
Consumers 13722 Lake Erie 226-W	Kent	Lake Erie	42 10 11 81 52 53	July 17	547.5	Guelph	Kettle Point B anhydrite	G.S. Abd.	N.P.W.
Consumers 13732 Lake Erie 314-Q	Kent	Lake Erie	41 56 52 81 58 39	July 25	699	Manitoulin	Bass Islands	G.S. Abd.	N.P.W.
Consumers 13653 Lake Erie 151-G	Norfolk	Lake Erie	42 23 59 80 23 01	July 30	572	Queenston	Reynales	G.S. Abd.	N.P.W.
Portree Shelter Blenheim 8-20-IV	Oxford	Blenheim	43 11 36 80 35 28	July 22	879	Precambrian	Cambrian	O.S., G.S. Abd.	N.P.W.
Unex #2 N. Norwich 8-18-II	Oxford	N. Norwich	43 00 25 80 40 18	Aug 6	367.4	Queenston	?	G.S. Abd.	N.P.W.
Anschutz #4 Lake Erie 91-N	Norfolk	Lake Erie	42 32 15 80 13 15	Aug 7	500.8	Queenston	N/R	G.S. Abd.	N.P.W.

CONTINUED

TABLE 10. CONTINUED.

WELL NAME	COUNTY	TOWNSHIP	LOCATION	DATE	TOTAL DEPTH (M)	DEEPEST FORMATION	FORMATION WITH SHOW	RESULTS	EXPL. CLASS
Anschutz #1 Lake Erie 178-J	Elgin	Lake Erie	42 18 43 81 25 06	Aug 30	660	Queenston	Reynales Cabot Head	G.S. Abd.	N.P.W.
Consumers 13696 Lake Erie 120-G	Elgin	Lake Erie	42 28 52 80 53 16	Aug 19	535	Queenston	Reynales	G.S. Abd.	N.P.W.
Anschutz #4 Lake Erie 128-F	Norfolk	Lake Erie	42 28 20 80 14 16	Aug 22	528	Queenston	N/R	G.S. Abd.	N.P.W
Anschutz #4 Lake Erie 129-I	Norfolk	Lake Erie	42 28 17 80 06 15	Aug 28	520.5	Queenston	Cabot Head Whirlpool, Reynales Thorold, Grimsby	G.S. Abd.	N.P.W
Anschutz #2 Lake Erie 179-J	Elgin	Lake Erie	42 18 39 81 20 58	Sept 20	659	Queenston	Fossil Hill	G.S. Abd.	N.P.W.
Whitty Dawn No. 2 3-22-III	Lambton	Dawn	42 41 43 82 11 55	Sept 8	596.4	Goat Island	A-2 carbonate	O.S. Abd.	N.P.W.
Anschutz No. 4 Lake Erie 129-R	Norfolk	Lake Erie	42 26 23 80 07 10	Sept 6	555	Queenston	Thorold	G.S. Abd	N.P.W.
Anschutz No. 4 Lake Erie 127-M	Norfolk	Lake Erie	42 27 21 80 17 16	Oct 9	546.8	Queenston	Reynales	G.S. Abd.	Ext.
Anschutz No. 4 Lake Erie 130-C	Norfolk	Lake Erie	42 29 15 80 02 15	Oct 5	529	Queenston	Reynales	G.S. Abd.	N.P.W.
Consumers Wiser 33203 Aldborough 2-13-V	Elgin	Aldborough	42 36 53 81 42 02	Dec 7	1152.5	Cambrian	Gull River Cambrian	G.S., O.S., S.W., Abd.	N.P.W.

TABLE 11. DRILLING SUMMARY BY AGE, 1980.

AGE	DEVONIAN		SILURIAN				ORDOVICIAN		CAMBRIAN		TOTALS	
			SAL.		CLI.							
	E	D	E	D	E	D	E	D	E	D	E	D
Oil	1	4	1	4	—	—	1	—	—	—	3	8
Gas	—	—	6	4	26	56	—	—	—	—	32	60
Dry	1	1	22	12	38	40	—	1	8	2	69	56
Sub-Totals	2	5	29	20	64	96	1	1	8	2	104	124
Other			13						1		14	
GRAND TOTAL	7		62		160		2		11		242	

NOTE: The figures include Place-Mitchell 45-E-3A which was an unsuccessful Cambrian exploratory well but a successful Clinton-Cataract development well.
Anschutz #4 Lake Erie 244-B and Consumers 13738 were dry Clinton-Cataract development wells but produced gas from the Salina-Guelph. The 3 wells are counted twice each in this chart.

TABLE 12. DRILLING SUCCESS RATIOS, 1980.

AGE	GAS	OIL	DRY	TOTALS	% SUCCESS
			EXPLORATORY		
Devonian	—	1	1	2	50
Silurian — Salina-Guelph	6	1	22	29	24
— Clinton-Cataract	26	—	38	64	41
Ordovician	—	1	—	1	100
Cambrian	—	—	8	8	0
TOTALS	32	3	69	104	34
			DEVELOPMENT		
Devonian	—	4	1	5	80
Silurian — Salina-Guelph	4	4	12	20	40
— Clinton-Cataract	56	—	40	96	58
Ordovician	—	—	1	1	0
Cambrian	—	—	2	2	0
TOTALS	60	8	56	124	55

NOTE: Place Mitchell #45-E-3A appears in both the development and exploratory columns since it is a dry Cambrian Deep Pool Test and a successful Clinton-Cataract development well. Anschutz #4 Lake Erie 244-B and Consumer 13738 were both dry Clinton-Cataract development wells but gas producing Salina-Guelph development wells. The wells are counted twice each in this chart.

TABLE 13. LAKE ERIE DRILLING, 1980.

	EXPLORATORY				DEVELOPMENT			
COUNTY	GAS	DRY	TOTAL	METRES	GAS	DRY	TOTAL	METRES
Elgin	4	10	14	8098.1	2	15	17	10169.4
Haldimand	3	1	4	2227.0	29	11	40	15572.1
Kent	2	5	7	4991.0	—	2	2	1134.0
Norfolk	8	17	25	14341.3	8	8	16	18253.4
Welland	—	—	—	—	—	1	1	373.0
TOTAL	17	33	50	29657.4	39	37	76	45501.9

LOST HOLES: 6 = 662 m
GRAND TOTAL: 126 wells + 6 lost holes
75159.3 m + 662 m

NOTE: Place Mitchell #45-E-3A (Haldimand County, Lake Erie) is a dry Cambrian, "Deep Pool Test" but a Clinton gas producer (development). The well appears on this chart as a dry exploratory well. Anschutz #4 Lake Erie 244-B (Elgin County, Lake Erie) and Consumers 13738 (Norfolk County, Lake Erie) were both dry Clinton-Cataract development wells but gas producers in the Salina-Guelph development class. In this chart they are listed as dry Clinton-Cataract development wells.

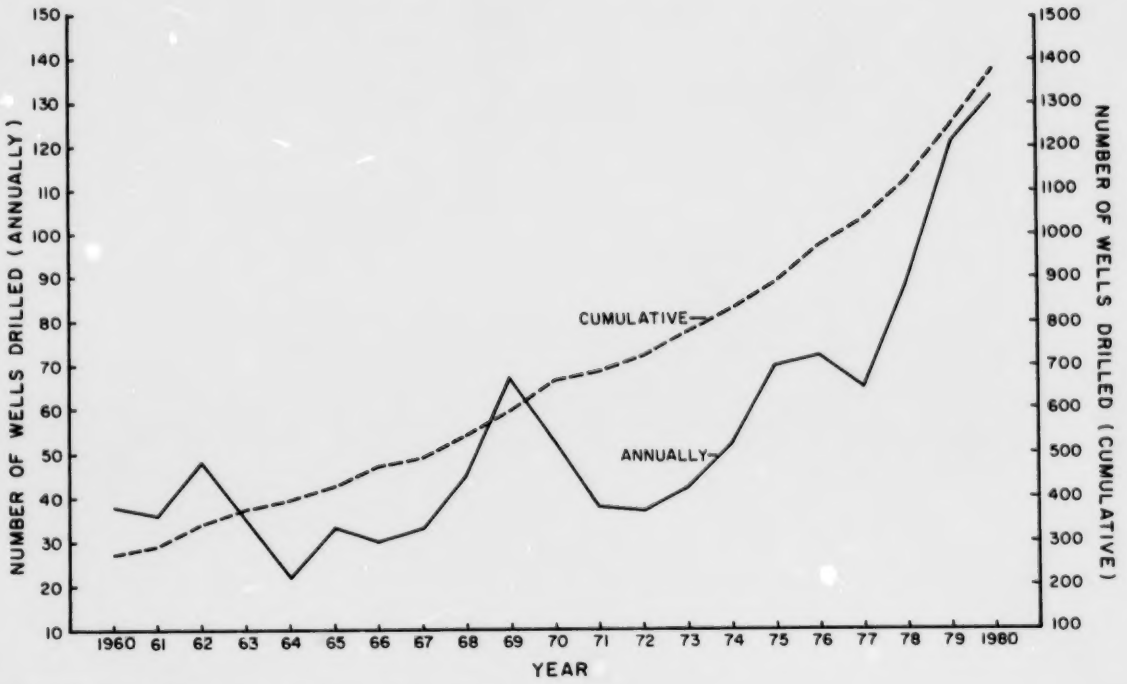


FIGURE 4. LAKE ERIE DRILLING ACTIVITY.

VI. Production

A. Cumulative Production

Licences issued for producing oil and gas in 1980 totalled 119, 3 more than in 1979 (Table 14).

Crude oil production during 1980 totalled 93,881.6 m^3 representing a 2.1% increase over 1979 production. Cumulative oil production from 1890 to Dec. 31, 1980 totalled 8,989,727.9 10^3 m^3 (Table 15, Figure 5).

The average well head price paid for oil in 1980 was \$104.25/m^3 which generated \$9,787,157.00 in total revenue.

Production of natural gas in 1980 increased 14.8% over 1979 totalling 445,231.9 10^3 m^3. The cumulative total for gas production from 1889 was 23,931,207.4 10^3m^3 (Table 16, Figure 6). The average wellhead price for gas in 1980 was \$75.19/10^3 m^3 generating \$33,476,988.00 in total revenue (Figure 7).

B. Oil Production

The most productive pools by age in Ontario during 1980 were: Rodney and Wallacetown (Devonian); Becher West (Silurian); and Willey, Clearville and Gobles (Cambrian) (Tables 17, 18 and 19).

Devonian oil pools provided 37.3%, Silurian 44.2%, Ordovician 2.0% and Cambrian 16.6% of the total oil production in Southwestern Ontario during 1980 (Table 20).

Lambton County produced 45.4% of the total provincial oil production followed by Elgin County with 34.0% (Table 21).

C. Gas Production

The most productive gas pools in 1980 were Dow Moore 3-21-XII, Maitland (L. Erie), Silver Creek (L. Erie), Morpeth (L. Erie) and Norfolk (Table 22).

Kent and Lambton counties produced 30.5% and 22.9% respectively of the total provincial output (Tables 23 and 24).

Of the total natural gas production for 1980, the Clinton-Cataract reservoirs contributed 53.6%, the Salina-Guelph 43.8%, the Ordovician 1.1% and the Cambrian 1.5% (Table 25).

Onshore natural gas production amounted to 172,-804.1 10^3 m^3 compared with 272,427.8 10^3 m^3 for offshore Lake Erie production (61.2% of the provincial total).

Total offshore production for 1980 increased 6.2% over 1979 (Table 26, Figure 8).

TABLE 14. PERSONS LICENCED TO PRODUCE OIL & GAS, 1980.

Ameracrude Inc.	Wallaceburg, Ont.
Annett, R.M.	Bothwell, Ont.
Anschutz (Canada) Exploration Ltd.	Calgary, Alta.
Atlas Oil & Gas Ltd.	Scarborough, Ont.
Ayrheart, Ellwood J.	Oil Springs, Ont.
Ayrheart, Orval & Irene	Petrolia, Ont.
Ayrheart, Roy & Merilynne	Petrolia, Ont.
Bear Creek Resources Ltd.	Toronto, Ont.
Benner, K.W.	Fisherville, Ont.
Bowman Development Ltd.	Calgary, Alta.
Bowman, H.E.	Calgary, Alta.
Bradford, W.D.	Chatham, Ont.
Bradley, M.	Petrolia, Ont.
Brand, R.W.	Petrolia, Ont.
Brett, Harold B.	London, Ont.
Byers, I.	Oil Springs, Ont.
Camel Oil & Gas Ltd.	London, Ont.
Cameron Petroleums Ltd.	London, Ont.
Canada-Cities Service Ltd.	Calgary, Alta.
W. T. Chatham Associates Ltd.	Hamilton, Ont.
William T. Chatham	Hamilton, Ont.
Colonial Petroleums Ltd.	Chatham, Ont.
Comfort, N.E.	Chatham, Ont.
Consumers' Gas Company	Scarborough, Ont.
Cordon, Bruce B.	St. Clair, Mich.
Coronation Gas Syndicate	Stevensville, Ont.
Craven Oil Company Ltd., Inc.	Dallas, Texas
Crawford, K.E. Ltd.	Chatham, Ont.
Crich Holdings & Buildings Ltd.	London, Ont.
Dawn Petroleums	Brigden, Ont.
Dean Construction Ltd.	Tecumseh, Ont.
Den-Mar Brines Ltd.	Bothwell, Ont.
Dome Petroleum Limited	Calgary, Alta.
Dow Chemical of Canada Ltd.	Sarnia, Ont.
Edward, R.A.	Petrolia, Ont.
Erieshore Industries Inc.	Toronto, Ont.
Esso Resources Canada Ltd.	Chatham, Ont.
Fairbank, C.O.	Petrolia, Ont.
FitzGerald, Norman D.	Abilene, Texas
Forbes Petroleum Limited	Aylmer, Ont.
Fox, E.S.	Welland, Ont.
Gaiswinkler Enterprises Ltd.	Chatham, Ont.
Glenfred Gas Wells Ltd.	Jarvis, Ont.
George, Eugene	Fort Erie, Ont.
Haldimand Gas & Oil Wells Ltd.	Cayuga, Ont.
Hemlock Explorations Ltd.	Langton, Ont.
Hyslop, George Ltd. Natural Gas Div.	Oshweken, Ont.
IU Petroleum Corporation	Dutton, Ont.
JWK Administration Ltd.	Chatham, Ont.
Kenartha Oil & Gas Co. Ltd.	Markham, Ont.
Klenk, William C. III	Grosse Pointe, Mich.
Kodyen, L.M.	Sarnia, Ont.
Lambton Area Industries Ltd.	Sarnia, Ont.
Lee Marine Ltd.	Port Lambton, Ont.
Lejeune, L.F.	Fort Erie, Ont.
Lincoln Natural Gas Ltd.	Dunnville, Ont.
Long Point Pipeline Ltd.	Burlington, Ont.
M.B.L. International Contractors Inc.	Windsor, Ont.
Marcus, L.A.	Wallacetown, Ont.
Marr, Harvey	Wainfleet, Ont.
Marsh, Thomas L.	Bothwell, Ont.
Matheson, D. W. Electric Ltd.	Oil Springs, Ont.
McClure Oil Co.	Alma, Michigan
Metalore Resources Ltd.	Simcoe, Ont.
Meylow Oil Co. Ltd.	Tillsonburg, Ont.
Michigan Oil Co.	Alma, Michigan
Milne, John	Sudbury, Ont.
Milton Resources Ltd.	London, Ont.
Mitchell Energy Corp.	Houston, Texas
Mitchell, G.	Oil Springs, Ont.
Moffat Lake Explorations Inc.	Toronto, Ont.
Morningstar, Lorna	Oil Springs, Ont.
Morningstar, Philip & Paul	Oil Springs, Ont.
Morris, James	Englehart, Ont.
Morrison, Doris E.	Langton, Ont.
Morrison, Robert J.	Langton, Ont.
Mothersbaugh, A. & K. Donald & Helen	Oil Springs, Ont.
Murphy Oil Co. Ltd.	Calgary, Alta.
Mymryk, Wm.	Stevensville, Ont.
Nith River Petroleums Ltd.	Galt, Ont.
Onshore Petroleums Ltd.	Islington, Ont.
Ort, C.H.	Niagara Falls, Ont.
Patterson, W.F. Real Estate Ltd.	Chatham, Ont.
Pegg, L.A.	Morpeth, Ont.
Petrolia & Enniskillen Liquid Disposal & Recovery Co. Ltd.	Petrolia, Ont.
The Corp. of the Town of Petrolia (Petrolia Discovery)	Petrolia, Ont.
Place Gas & Oil Co.	Toronto, Ont.
Pope, W.	Bothwell, Ont.
Pope, William Jr.	Bothwell, Ont.
Putman, Scott J.	Petrolia, Ont.
Ram Petroleums Ltd.	Toronto, Ont.
Riddell Hanna Exploration Ltd.	High Park, Mich.
Roberts, C.H.	Coudersport, P.A.
Roth & Roth Ltd.	Petrolia, Ont.
E.P. Rowe Oil Ltd.	London, Ont.
Ruch, Ken	Stevensville, Ont.
Shawnee Petroleums Ltd.	Mississauga, Ont.
Simon, B.	Stevensville, Ont.
Sitler, Delbert R.	Bothwell, Thamesville, Ont.
South West Petroleum	Windsor, Ont.
Springhill Resources Ltd.	Richmond, B.C.
Starlite Gas Company Ltd.	Lakeview, N.Y.
Stevenson, Dorothy	Petrolia, Ont.
Stevenson Drilling Ltd., Charles G.	Toronto, Ont.
Stewart Oil Associates	Toronto, Ont.
Suburn Petroleums Ltd.	Toronto, Ont.
Sunburst Oil Co.	London, Ont.
Symington, Wayne	Watford, Ont.
Talcorp Services Ltd.	Toronto, Ont.
Thompson, A.	Petrolia, Ont.
Tunks, James	Bothwell, Ont.
Union Gas Ltd.	Chatham, Ont.
Universal Explorations Ltd.	Calgary, Alta.
Venison Creek Resources Ltd.	Toronto, Ont.
Wellandport Gas Co. Ltd.	Dunnville, Ont.
Whorton Associates	Wellsville, N.Y.
Woods, Lloyd	Wyandotte, Mich.
York Producing Co. Ltd.	Bolivar, N.Y.
Yuez Gas Co.	Buffalo, N.Y.
TOTAL	119

TABLE 15. ANNUAL AND CUMULATIVE OIL PRODUCTION, 1863-1980.

YEAR	ANNUAL PRODUCTION (m^3)	CUMULATIVE PRODUCTION (m^3)
1863	18,124.5 (est.)	18,124.5
1864	23,530.1 (est.)	41,654.7
1865	28,935.7 (est.)	70,590.4
1866	34,341.3 (est.)	104,931.6
1867	39,746.8 (est.)	144,678.4
1868	45,152.4 (est.)	189,830.8
1869	50,558.0 (est.)	240,388.8
1870	56,774.4 (est.)	297,163.2
1871	57,910.6 (est.)	355,073.8
1872	59,046.9 (est.)	414,120.7
1873	60,183.2 (est.)	474,304.0
1874	61,319.5 (est.)	535,623.4
1875	62,455.8 (est.)	598,079.2
1876	63,592.1 (est.)	661,671.3
1877	64,728.3 (est.)	726,399.6
1878	65,864.6 (est.)	792,264.2
1879	67,000.9 (est.)	859,265.1
1880	68,137.3 (est.)	927,402.5
1881	72,673.1 (est.)	1,000,075.6
1882	77,221.7 (est.)	1,077,297.3
1883	81,764.9 (est.)	1,159,062.3
1884	87,215.8 (est.)	1,246,278.1
1885	93,120.5 (est.)	1,339,398.5
1886	97,662.7	1,437,061.2
1887	98,572.1	1,535,649.3
1888	115,265.8	1,650,899.2
1889	112,881.0	1,763,780.1
1890	119,240.5	1,883,020.6
1891	123,215.2	2,006,235.8
1892	121,625.3	2,127,860.9
1893	127,189.8	2,255,050.9
1894	131,164.5	2,386,215.4
1895	132,754.4	2,518,969.8
1896	124,010.1	2,642,979.9
1897	119,240.5	2,762,220.4
1898	122,420.2	2,884,640.6
1899	108,906.3	2,993,546.9
1900	107,316.4	3,100,863.3
1901	99,367.1	3,200,230.4
1902	84,263.3	3,284,493.7
1903	75,519.0	3,360,012.6
1904	77,108.8	3,437,121.5
1905	96,187.3	3,533,308.8
1906	93,637.5	3,626,946.3
1907	123,990.4	3,750,936.7
1908	84,097.8	3,835,034.4
1909	66,879.6	3,901,914.0
1910	49,987.2	3,951,901.2
1911	45,889.1	3,997,790.4
1912	38,305.6	4,036,096.0
1913	42,316.9	4,072,053.3
1914	33,784.0	4,105,837.3
1915	31,093.6	4,139,930.9
1916	31,300.8	4,171,231.7
1917	32,272.8	4,203,504.5
1918	45,909.2	4,249,413.7
1919	34,993.1	4,284,406.8
1920	28,895.9	4,313,302.7
1921	27,482.2	4,340,784.9
1922	26,190.3	4,366,975.2
1923	25,342.4	4,392,317.7
1924	24,534.4	4,416,852.1
1925	22,933.8	4,439,785.9
1927	22,195.6	4,483,758.1
1928	21,330.4	4,505,088.5
1929	19,257.3	4,524,345.8
1930	18,649.5	4,542,995.3
1931	19,454.3	4,562,449.6
1932	20,740.6	4,583,172.5
1933	21,631.5	4,604,804.0
1934	22,478.4	4,627,282.4
1935	26,239.3	4,653,521.7
1936	26,311.4	4,679,833.1
1937	26,265.5	4,706,098.6
1938	27,447.9	4,733,546.5
1939	32,811.6	4,766,358.2
1940	29,833.0	4,796,191.2
1941	25,348.6	4,821,539.8
1942	22,885.4	4,844,409.3
1943	21,064.5	4,865,473.9
1944	19,884.1	4,885,357.9
1945	18,017.1	4,903,375.0
1946	19,568.5	4,922,943.5
1947	20,874.2	4,943,817.7
1948	28,139.0	4,971,956.7
1949	41,443.2	5,013,400.0
1950	39,851.1	5,053,251.1
1951	31,347.7	5,084,598.8
1952	30,495.8	5,115,094.6
1953	47,646.1	5,162,740.7
1954	65,578.1	5,228,318.8
1955	83,549.3	5,311,868.1
1956	94,338.3	5,406,206.0
1957	99,155.0	5,505,361.3
1958	123,746.3	5,629,107.7
1959	159,238.5	5,788,346.2
1960	159,787.0	5,948,133.2
1961	182,690.2	6,130,823.4
1962	180,376.5	6,311,200.0
1963	191,639.5	6,502,839.4
1964	198,206.6	6,701,046.0
1965	203,370.5	6,904,416.5
1966	210,464.4	7,114,880.9
1967	197,191.6	7,312,072.5
1968	182,959.2	7,495,031.8
1969	184,725.6	7,679,757.4
1970	166,692.8	7,846,450.1
1971	152,326.4	7,998,776.5
1972	139,608.0	8,138,384.5
1973	128,564.9	8,266,949.4
1974	116,707.5	8,383,656.9
1975	111,978.4	8,495,635.3
1976	99,811.9	8,610,348.0
1977	98,372.1	8,708,718.1
1978	95,144.2	8,803,862.3
1979	91,984.0	8,895,846.3
1980	93,881.6	8,989,727.9

TABLE 16. ANNUAL AND CUMULATIVE GAS PRODUCTION, 1890-1980.

YEAR	ANNUAL PRODUCTION (10^3m^3)	CUMULATIVE PRODUCTION (10^3m^3)
1890-1905	Estimated	1,258,145.0
1906	71,788.8	1,329,933.8
1907	117,728.3	1,447,662.1
1908	126,994.4	1,574,656.5
1909	152,631.3	1,727,287.8
1910	205,754.8	1,933,042.6
1911	348,771.5	2,281,814.1
1912	352,822.4	2,634,636.5
1913	355,754.4	2,990,390.8
1914	398,371.0	3,388,761.8
1915	430,934.0	3,819,695.9
1916	507,895.5	4,327,591.4
1917	567,296.5	4,894,887.9
1918	370,173.3	5,265,061.2
1919	317,140.5	5,582,201.7
1920	298,718.8	5,880,920.4
1921	241,701.1	6,122,621.6
1922	242,722.8	6,365,344.4
1923	230,261.7	6,595,606.1
1924	208,803.3	6,804,409.3
1925	205,584.1	7,009,993.4
1926	220,292.6	7,230,288.0
1927	207,112.1	7,437,398.0
1928	216,220.3	7,653,618.3
1929	243,144.5	7,896,762.8
1930	225,021.1	8,121,783.9
1931	210,180.6	8,331,964.5
1932	209,235.0	8,541,199.4
1933	203,017.1	8,744,216.6
1934	217,639.8	8,961,856.4
1935	231,888.1	9,193,744.4
1936	283,471.0	9,477,215.4
1937	304,422.1	9,781,637.6
1938	310,271.1	10,091,908.7
1939	338,989.3	10,430,898.0
1940	369,776.8	10,800,674.8
1941	335,083.5	11,135,758.3
1942	296,785.9	11,432,544.2
1943	224,199.3	11,656,743.6
1944	200,633.3	11,857,376.9
1945	203,960.8	12,061,337.6
1946	199,749.5	12,261,087.1
1947	220,559.6	12,481,646.7
1948	243,349.7	12,724,996.4
1949	227,309.9	12,952,306.3
1950	235,184.4	13,179,199.0
1951	239,168.8	13,418,367.9
1952	226,892.8	13,653,552.3
1953	278,619.2	13,932,171.5
1954	283,728.1	14,215,899.6
1955	307,439.7	14,523,339.3
1956	362,927.5	14,886,266.8
1957	407,949.1	15,294,215.9
1958	457,440.1	15,723,328.0
1959	477,021.9	16,228,677.9
1960	517,174.1	16,745,852.0
1961	412,007.1	17,157,859.1
1962	441,740.7	17,599,599.8
1963	450,983.3	18,050,583.2
1964	391,378.7	18,441,961.9
1965	359,751.0	18,801,712.8
1966	440,136.6	19,241,849.4
1967	348,116.0	19,644,921.7
1968	341,800.8	19,986,722.5
1969	318,346.9	20,305,069.4
1970	471,645.9	21,909,835.3
1971	457,999.5	21,234,714.8
1972	350,562.7	21,585,277.4
1973	269,912.1	21,855,189.5
1974	213,506.8	22,068,699.1
1975	309,780.0	22,378,479.1
1976	140,439.3	22,503,522.6
1977	241,523.5	22,745,046.2
1978	352,998.5	23,098,044.7
1979	387,930.8	23,485,975.5
1980	445,231.9	23,931,207.4

TABLE 17. OIL AND GAS POOLS — ONSHORE — SOUTHWESTERN ONTARIO.
NOTE: The numbers in the column labelled "Depth" are the maximum and minimum value of the producing interval. Oil is symbolized by "O" and gas by "G".

COUNTY	POOL	DISCOVERY DATE	PRODUCING FORMATIONS	RESERVOIR & TRAPPING MECHANISM	DEPTH (METRES)	ACTIVE WELLS GAS	ACTIVE WELLS OIL	1980 PRODUCTION (Oil m^3 – Gas 10^3m^3)	CUMULATIVE PRODUCTION (1980) (Oil m^3 – Gas 10^3m^3)
				DEVONIAN					
ELGIN	Dutton Oil	1923	Dundee-Lucas	Dolomitized zone in dome	91-104	—	—	—	397.5[e]
	Rodney Oil	1949	Lucas	Dolomitized zone in dome	99-137	—	131	23,442.4[e]	1,354,375.0[e]
	Wallacetown (formerly Dutton) Oil	1898	Lucas	Dolomitized zone in dome	99-122	—	16	151.9[e]	39,142.0[e]
ESSEX	Belle River Oil	1913	Dundee	Dolomitized zone in dome	34-37	—	—	—	356.1[e]
KENT	Bothwell-Thamesville Oil	1862	Dundee	Dolomitized zone in dome	91-122	—	36	1,572.6[e]	501,801.2[e]
	Kipp Oil & Gas	1907	Dundee-Lucas	Dolomitized zone in dome	110-137	—	—	—	—
	Prairie Siding Oil	1921	Dundee	Dolomitized zone in dome	46-76	—	—	—	3,548.6[e]
	Raleigh Oil	1902	Dundee(?)	Dolomitized zone in dome	98(?)	—	—	—	—
	Richardson's Siding Oil	?	Dundee(?)	Dolomitized zone in dome	104-116	—	—	—	15.9[e]
	Romney Oil	1906	Dundee	Dolomitized zone in dome	61-82	—	—	—	9,862.0[e]
	Stewart Oil	1966	Dundee	Dolomitized zone in dome	110-122	—	—	—	47.7[e]
LAMBTON	Dante Oil	1948	Dundee	Dolomitized zone in dome	70-75	—	—	—	2,726.6[e]
	Florence-Oakdale Oil	1897	Dundee	Dolomitized zone in dome	73-110	—	—	—	3,895.2[e]
	Inwood Oil	1918	Dundee	Dolomitized zone in dome	107-137	—	—	—	1,192.4[e]
	McCready Oil	1932	Dundee	Dolomitized zone in dome	95-125	—	—	—	985.7[e]
	Oil Springs Oil	1858	Dundee	Dolomitized zone in dome	107-122	—	308	4,854.1[e]	1,469,518.5[e]
	Payne Oil	Prior to 1915	Dundee	Dolomitized zone in dome	153-155	—	—	—	—
	Petrolia Oil	1862	Dundee-Lucas	Dolomitized zone in dome	122-152	—	100	4887.2[e]	2,732,164.3[e]

COUNTY	POOL	DISCOVERY DATE	PRODUCING FORMATIONS	RESERVOIR & TRAPPING MECHANISM	DEPTH (METRES)	ACTIVE WELLS GAS	ACTIVE WELLS OIL	1980 PRODUCTION (Oil m^3 – Gas 10^3m^3)	CUMULATIVE PRODUCTION (1980) (Oil m^3 – Gas 10^3m^3)
	Plympton-Sarnia Oil & Gas	1898	Dundee	Dolomitized zone in dome	122-167	—	—	—	unknown[9] unknown[G]
	Shetland Oil	1898	Dundee-Lucas	Dolomitized zone in dome	102-119	—	—	—	—
	Watford-Kerwood Oil	1938	Dundee-Lucas	Dolomitized zone in dome	98-135	—	—	—	20,615.8[9]
	Wilsoncroft Oil	1927	Dundee	Dolomitized zone in dome	122	—	—	—	—
MIDDLESEX	Adelaide Oil	Prior to 1915	Dundee	Dolomitized zone in dome	107	—	—	—	—
	Glencoe Oil	1917	Dundee-Lucas	Dolomitized zone in dome	89-121	—	3	84.0[9]	173,715.8[9]
				SILURIAN					
BRANT	Brant (part of Haldimand) Oil & Gas	1910	Whirlpool	Porosity and permeability pinch-out in sandstone	159-189	23	—	444.4[G]	—
ELGIN	Aldborough 4-20-VII Gas	1974	A-1 Carbonate	—	429-434	1	—	22.5[G]	22.5[G]
	Bayham Gas — Eden Gas — Fairground Gas — Griffin Gas — Richmond Gas — Vienna	1910	Irondequoit Thorold Grimsby	Porosity and permeability pinch-out in dolomite and sandstone	360-442	—	—	—	163,537.5[G]
	Cowal (Dunwich) Gas	1950	A-2 Carbonate A-1 Carbonate, Guelph	Dolomitized bioherm patch reef	350-381	2	—	246.1[G]	577.8[G]
	Dunwich 3-7-ABF Gas	1980	A-1 Carbonate	Domomitized zone in dome	425-427	—	—	—	—
	Malahide Gas	1938	Guelph	Dolomitized pinnacle reef	335.0	—	—	—	119,969.1[G]
	Mosald (also see Middlesex County)								
	Oil & Gas — Crinan	1954	A-1 Carbonate	Dolomitized zone in anticline	442-450	—	—	— unknown	432.3[9]
	Gas — Townline	1948	A-2 Carbonate A-1 Carbonate	Dolomitized zone in anticline	402-440	—	—	—	79,743.3[G]
	Gas — Woodgreen	1948	A-1 Carbonate	Dolomitized zone in anticline	430	—	—	—	16,996.8[G]
	Port Talbot Gas	1918	Thorold	Pinch-out in sandstone	457-466	—	—	—	—

TABLE 17. CONTINUED.

COUNTY	POOL	DISCOVERY DATE	PRODUCING FORMATIONS	RESERVOIR & TRAPPING MECHANISM	DEPTH (METRES)	ACTIVE WELLS GAS	ACTIVE WELLS OIL	1980 PRODUCTION (Oil m^3 – Gas 10^3m^3)	CUMULATIVE PRODUCTION (1980) (Oil m^3 – Gas 10^3m^3)
ESSEX	Comber Oil & Gas	1902	Guelph	Dolomitized bioherm patch reef	365	—	—	—	—
	Kingsville — Gas Leamington — Gas Mersea — Oil	1889 1975	 A-1 Carbonate Guelph	Dolomitized bioherm patch reef	280-317	—	7	3,646.7[o]	41,063.0[o] 670,155.5[G]
	Malden Gas	1939	A-2 Carbonate A-1 Carbonate, Guelph	Dolomitized stromatolitic (?) mound	254-296	—	—	—	—
	Oxley Gas	1964	A-1 Carbonate, Guelph	Dolomitized monadnock on Guelph	271-283	—	—	—	1,784.7[G]
	Pelee Island #1 Oil & Gas	1895	A-1 Carbonate Guelph	Dolomitized monadnock on Guelph surface	226-232	—	—	—	1,065.2[o]
	Pelee Island # 2 Oil	1964	Guelph	Dolomitized monadnock on Guelph surface	273-277	—	—	—	73.9[o]
	Staples Oil & Gas	1948	Guelph A-1 Carbonate	Dolomitized bioherm patch reef	347-354	—	—	—	732.1[o] 3,257.7[G]
HALDIMAND	Haldimand (includes Lincoln, Wentworth) Gas & Oil	1891	Thorold, Grimsby, Whirlpool	Porosity and permeability pinch-out in dolomite and sandstone	152-274	142	—	1,480.3[G]	6,582.1[o] 4572.5[G]
	Lincoln (part of Haldimand)	1891	Irondequoit, Thorold, Grimsby	Porosity and permeability pinch-out in dolomite and sandstone	152-213	—	—	—	—
HURON	Ashfield 5-IX-WD Gas	1979	Guelph	Pinnacle reef	547-565	—	—	—	—
	Ashfield 7-I-III Gas	1979	Guelph	Pinnacle reef	565-593	—	—	—	—
	Bayfield Gas	1956	Guelph	Dolomitized pinnacle reef	463-581	—	—	—	61,471.8[G]
	Dashwood Gas	1955	Guelph	Dolomitized pinnacle reef	518-526	—	—	—	—
	Dungannon Gas	1967	Guelph	Dolomitized pinnacle reef	469-547	—	—	—	—
	Grand Bend Oil	1955	Guelph	Dolomitized pinnacle reef	538-567	—	5	4,267.0[o]	84,686.7[o]
	Tipperary Gas & Oil	1969	Guelph	Dolomitized pinnacle reef	561-591	3	1	148.8[o] 583.2[G]	148.8[o] 583.2[G]
	Zurich Gas	1954	Guelph	Dolomitized pinnacle reef	547-594	—	—	—	28,328.0[G]
KENT	Botany Gas	1958	A-1 Carbonate	Dolomitized stromatolitic (?) mound	504-579	2	—	95.7[G]	5,375.3[G]

COUNTY	POOL	DISCOVERY DATE	PRODUCING FORMATIONS	RESERVOIR & TRAPPING MECHANISM	DEPTH (METRES)	ACTIVE WELLS GAS	ACTIVE WELLS OIL	1980 PRODUCTION (Oil m^3 – Gas 10^3m^3)	CUMULATIVE PRODUCTION (1980) (Oil m^3 – Gas 10^3m^3)
	Camden Gore Gas	1936	A-2 Carbonate A-1 Carbonate, Guelph	Dolomitized zones in A-2, A-1 in anticline	434-495	13	—	1,692.1[G]	—
	Chatham Gas & Oil	1936	A-2 Carbonate A-1 Carbonate, Guelph	Dolomitized pinnacle reef	434-495	14	1	162.0[e] 1,422.4[G]	2,399.0[e] 8,792.6[G]
	Chatham Gore Gas	1951	A-1 Carbonate	Dolomitized zone in dome	538-549	—	—	—	623.2[G]
	D'Clute Gas & Oil	1929	A-2 Carbonate A-1 Carbonate, Guelph	Dolomitized bioherm patch reef	457-482	1	—	283.5[G] —	500.2[e] 560,185.0[G]
	Doyles Gas & Oil	1917	A-1 Carbonate (?) Guelph	Dolomitized bioherm patch reef	458-503	—	—	—	—
	Dresden Oil & Gas	1936	A-2 Carbonate A-1 Carbonate	Dolomitized zones in A-2, A-1 in anticline	434-457	—	1	181.7[e]	See Chatham
	Fletcher Oil	1905	A-1 Carbonate	Dolomitized zones in flanking beds draping over Guelph	427-457	—	—	—	190,784.4[e]
	Glenwood Oil	1906	Guelph	Dolomitized bioherm patch reef	422-430	—	—	—	—
	Guilds Gas	1953	A-2 Carbonate	Dolomitized stromatolitic (?) mound	474-477	—	—	—	7,846.9[G]
	Morpeth Gas	1954	A-2 Carbonate	Dolomitized stromatolitic (?) mound	495-504	8	—	881.6[G]	131,657.1[G]
	New Wheatley Gas	1948	Guelph	Dolomitized monadnock on Guelph surface	366	—	—	—	—
	St. Patricks Gas	1971	Guelph	Dolomitized bioherm patch reef	449	—	—	—	—
	Tilbury Gas & Oil	1906	A-2 Carbonate A-1 Carbonate, Guelph	Dolomitized bioherm patch reef	356-427	37	—	7,916.8[G]	497.9[e] 5,945,204.0[G]
	Wheatley Oil & Gas	1902	Guelph	Dolomitized monadnock on Guelph surface	393-396	—	—	—	1,446.8[e]
	Wolfe Gas	1952	A-2 Carbonate	Dolomitized stromatolitic (?) mound	468-472	1	—	122.4[G]	6,294.1[G]
	Zone Gas storage	1943	A-2 Carbonate A-1 Carbonate	Dolomitized zone in anticline and dome	427-488	30	—	1,808.5[G]	257,747.1[G]
LAMBTON	Avonry Gas	1963	Guelph	Dolomitized incipient bioherm reef	660-671	—	—	—	10,708.0[G]
	Becher East Gas	1946	Guelph	Dolomitized bioherm patch reef	582-588	—	—	—	—
	Becher West Oil & Gas	1946	A-1 Carbonate Guelph	Dolomitized zones in anticline	556-606	2	20	6,636.9[e] 1,880.8[G]	350,428.1[e] 171,108.9[G]

TABLE 17. CONTINUED.

COUNTY	POOL	DISCOVERY DATE	PRODUCING FORMATIONS	RESERVOIR & TRAPPING MECHANISM	DEPTH (METRES)	ACTIVE WELLS GAS	ACTIVE WELLS OIL	1980 PRODUCTION (Oil m^3 – Gas 10^3m^3)	CUMULATIVE PRODUCTION (1980) (Oil m^3 – Gas 10^3m^3)
LAMBTON CONT.	Bentpath Gas storage	1970	Guelph	Dolomitized pinnacle reef	503-564	—	—	—	151,781.4[G]
	Bickford Gas & Oil Storage	1950	A-1 Carbonate Guelph	Dolomitized pinnacle reef	562-640	—	—	—	214.6[o] 587,211.1[G]
	Brigden Gas & Oil	1963	A-1 Carbonate	Dolomitized zone along fault	634-686	2	2	300.2[o] 1,659.8[G]	9,899.4[o] 66,541.7[G]
	Brooke Oil	1965	Guelph	Dolomitized incipient bioherm reef	517	—	9	4,015.7[o]	38,941.3[o]
	Charlemont Gas	1954	A-2 Carbonate	Dolomitized zone in dome	492-504	—	—	—	9,291.6[G]
	Clay Creek Oil	1966	Guelph	Dolomitized incipient bioherm reef	687-698	—	—	—	—
	Colinville East (Moore 2-13-VIII?) Gas	1976	A-1 Carbonate	Dolomitized pinnacle reef	717-726	—	—	—	—
	Corey East Oil	1978	Guelph	Dolomitized pinnacle reef	564-605	—	—	—	2,149.0[o]
	Corunna Gas storage, Oil	1950	A-1 Carbonate Guelph	Dolomitized pinnacle reef	655-747	—	24	5,890.7[o]	225,679.5[o]
	Courtwright Gas	1966	Guelph	Dolomitized incipient bioherm reef (?)	732-741	—	—	—	17,761.7[G]
	Coveny Gas	1971	Guelph	Dolomitized incipient bioherm reef	591-626	2	—	184.1[G]	6,756.2[G]
	Cromar (Moore 6-3-II) Gas & Oil	1969	Guelph	Dolomitized incipient bioherm reef	638-646	1	2	659.7[o] 951.9[G]	6,199.6[o] 27,153.1[G]
	Dawn Misc. Gas & Oil	1921	A-2 Carbonate A-1 Carbonate, Guelph	Dolomitized zones in pinnacle reef and flanking beds	466-596	15	12	1,790.1[o] 5,978.1[G]	55,644.0[o] 150,887.0[G]
	includes:								
	Dawn	2-23-I 23-II 25-XI 24-25-XIII 1-26-II 2-26-II 5-27-I 1-27-VI	2-28-II 4-28-III 7-28-V 6-28-IX 5-30-IV 30-X Dawn Sombra						

COUNTY	POOL	DISCOVERY DATE	PRODUCING FORMATIONS	RESERVOIR & TRAPPING MECHANISM	DEPTH (METRES)	ACTIVE WELLS GAS	ACTIVE WELLS OIL	1980 PRODUCTION (Oil m^3 – Gas 10^3m^3)	CUMULATIVE PRODUCTION (1980) (Oil m^3 – Gas 10^3m^3)
	Dawn #1 Gas	1914	A-2 Carbonate A-1 Carbonate	Dolomitized zones in flanking beds draping over Guelph incipient bioherm reefs	480-482	7	—	657.6[G]	30,867.3[G]
	Dawn 47-49 Gas storage	1930	A-2 Carbonate A-1 Carbonate, Guelph	Dolomitized pinnacle reef	481-591	—	—	—	143,566.3[G]
	Dawn 59-85 Gas storage	1931	A-2 Carbonate A-1 Carbonate, Guelph	Dolomitized pinnacle reef	481-503	—	—	—	236,680.4[G]
	Dawn 156 Gas & Oil	1952	A-2 Carbonate A-1 Carbonate, Guelph	Dolomitized pinnacle reef	494-611	—	1	276.5[e]	38,112.7[e] 600,377.0[G]
	Dawn 167 Gas	1952	A-2 Carbonate A-1 Carbonate, Guelph	Dolomitized pinnacle reef	457-538	—	—	—	141,215.1[G]
	Dow Moore 3-21-XII Gas	1977	Guelph	Dolomitized pinnacle reef	701-753	5	—	79,762.8[G]	197,654.6[G]
	Duthill Gas	1950	Guelph	Dolomitized pinnacle reef	515-518	—	—	—	141.6[G]
	Edys Mills Oil & Gas	1977	Guelph	—	610	—	1	1,833.5[e]	2,955.2[e]
	Enniskillen 26 Gas	1952	Guelph	Dolomitized zone along fault (?) Pinnacle Reef	646-668	4	—	0.6[G]	1,617.0[G]
	Enniskillen 28 Gas	1954	Guelph	Dolomitized pinnacle reef	564-620	—	—	—	55,098.0[G]
	Enniskillen 30 Oil	1977	Guelph	Dolomitized pinnacle reef	598-601	—	1	261.0[e]	2,307.2[e]
	Kimball-Colinville Gas Storage & Oil	1947	A-1 Carbonate Guelph	Dolomitized zones in pinnacle reefs and anticline	605-725	—	—	— —	16,931.0[e] 971,650.4[G]
	Ladysmith Oil	1970	Guelph	Dolomitized pinnacle reef	448-500	—	3	2,900.9[e]	69,722.2[e]
	Logierait Gas	1956	Guelph	Dolomitized incipient bioherm reef	748-750	—	—	—	—
	Mandamin Gas	1956	Guelph	Dolomitized pinnacle reef	661-681	—	—	—	54,049.8[G]

TABLE 17. CONTINUED.

COUNTY	POOL	DISCOVERY DATE	PRODUCING FORMATIONS	RESERVOIR & TRAPPING MECHANISM	DEPTH (METRES)	ACTIVE WELLS GAS	ACTIVE WELLS OIL	1980 PRODUCTION (Oil m^3 – Gas 10^3m^3)	CUMULATIVE PRODUCTION (1980) (Oil m^3 – Gas 10^3m^3)
LAMBTON CONT.	Moore 5-6-III Gas	1980	Guelph	Dolomitized pinnacle reef	630-647	—	—	—	—
	Moore 2-13-VIII (see Colinville East)								
	Moore 6-20-XII Gas	1978	A-1 Carbonate Guelph	Pinnacle reef (?)	730-783	—	—	—	—
	Oil City (Enniskillen 1-16-IV) Gas	1975	A-1 Carbonate Guelph	Pinnacle reef	541-574	—	—	—	—
	Oil Springs Enniskillen 19-II) Gas	1913	Guelph	Dolomitized incipient bioherm reef	564-594	—	—	—	—
	Oil Springs East Gas & Oil	1913	Guelph	Dolomitized incipient bioherm reef	564-594	1	1	363.0[e] 19,148.0[G]	— —
	Osborne Oil	1976	Guelph	Dolomitized bioherm patch reef	693	—	1	28.6[e]	1,499.0[e]
	Otter Creek Gas	1968	A-1 Carbonate Guelph	Dolomitized incipient bioherm reef	553-634	4	—	785.4[G]	51,928.9[G]
	Otter Creek East Gas	1969	Guelph	Dolomitized incipient bioherm reef	585-591	4	—	653.7[G]	1,790.9[G]
	Payne Gas storage	1949	Guelph	Dolomitized pinnacle reef	597-727	—	—	—	272,600.3[G]
	Petrolia East Oil & Gas	1972	Guelph	Dolomitized pinnacle reef	580-625	—	6	2,835.4[e]	30,019.0[e]
	Plympton 5-19-VI Oil	1979	Guelph	Dolomitized pinnacle reef	725-728	—	1	3,064.0[e]	5,157.0[e]
	Rosedale Gas storage	1970	Guelph	Dolomitized pinnacle reef	503-594	—	—	—	80,054.9[G]
	Sarnia 1-8-A Gas	1980	Guelph Goat Island	Pinnacle reef	691-799	—	—	—	—
	Seckerton– Seckerton North Gas & Oil	1952	A-1Carbonate Guelph	Dolomitized pinnacle reef	640-719	—	—	—	202,668.4[e] 239,003.3[G]
	Shetland Gas & Oil	1914	A-1 Carbonate Guelph	Dolomitized incipient bioherm reef	475-503	—	—	—	151.7[e]
	Sombra Gas & Oil storage	1951	Guelph	Dolomitized pinnacle reef	553-628	—	1	164.9[e] —	609.4[e] 54,588.1[G]
	Sombra Misc. Oil	1921	Guelph	Dolomitized pinnacle reef	610	—	1	19.0[e]	659.0[e]

COUNTY	POOL	DISCOVERY DATE	PRODUCING FORMATIONS	RESERVOIR & TRAPPING MECHANISM	DEPTH (METRES)	ACTIVE WELLS GAS	ACTIVE WELLS OIL	1980 PRODUCTION (Oil m^3 – Gas 10^3m^3)	CUMULATIVE PRODUCTION (1980) (Oil m^3 – Gas 10^3m^3)
	Sombra 2-23-XII Gas	1978	A-1 Carbonate Guelph	Dolomitized pinacle reef	604-619	—	—	—	—
	Sombra 6-28-IX Oil (part of Dawn Misc.)	1973	A-1 Carbonate Guelph	Dolomitized incipient bioherm reef	588-590	—	—	—	—
	Sutorville Oil	1963	Guelph	Dolomitized incipient bioherm reef	600-628	—	2	221.8[e]	9,338.3[e]
	Talford Oil	1959	Guelph	Dolomitized bioherm patch reef	775-788	—	—	—	2,355.1[e]
	Terminus Gas storage	1968	Guelph	Dolomitized pinnacle reef	488-552	—	—	—	239,201.6[G]
	Terminus North Oil & Gas	1969	Guelph	Dolomitized pinnacle reef	605-616	—	—	—	366.0[e]
	Wanstead Oil	1958	Guelph	Dolomitized pinnacle reef	603-617	—	3	703.0[e]	80,215.1[e]
	Warwick Oil	1953	Guelph	Dolomitized pinnacle reef	538-573	—	1	922.8[e]	106,417.5[e]
	Warwick 6-17-IV Oil	1978	Guelph	Dolomitized incipient bioherm reef (?)	610-619	—	—	—	—
	Waubuno Gas & Oil	1951	Guelph	Dolomitized pinnacle reef	555-621	—	—	—	315.4[e] 170,987.8[G]
	Wilkesport Gas & Oil	1965	Guelph	Dolomitized pinnacle reef	604-652	—	—	—	567.3[e] 237,105.4[G]
MIDDLESEX	Crumlin Gas	1915	Guelph	Dolomitized bioherm patch reef	282	—	—	—	424.9[G]
	Mosald (partly in Elgin)	1930	A-2 Carbonate A-1 Carbonate Grimsby	Dolomitized zones in anticline: Porosity and permeability pinch-out in sandstone	see below	9	—	2,310.5[G]	188,197.7[G]
	Oil — Mosa	1966	A-1 Carbonate	Dolomitized zone in anticline	454-459	—	1	175.0[e]	3,931.9[e]
	Gas — Newbury	1930	A-1 Carbonate Grimsby	Dolomitized zone in anticline: & Porosity pinch-out in sandstone	460-569	—	—	—	—
	Gas — Wardsville	1948	A-2 Carbonate	Dolomitized zone in anticline	370-460	—	—	—	77,788.7[G]
NORFOLK	Cultus (see Norfolk Pool) Hemlock Gas	1972	Thorold Grimsby	Porosity and permeability pinch-out in sandstone	430-442	4	—	1,546.9[G]	11,954.6[G]
	Norfolk (includes Cultus) Gas	1906	Irondequoit Thorold, Grimsby	Porosity and permeability pinch-out in dolomite and sandstone	274-432	161	—	26,207.4[G]	1,247,733.9[G]
	Townsend Gas	1968	Thorold Grimsby	Porosity and permeability pinch-out in sandstone	227-256	—	—	—	—

TABLE 17. CONTINUED.

COUNTY	POOL	DISCOVERY DATE	PRODUCING FORMATIONS	RESERVOIR & TRAPPING MECHANISM	DEPTH (METRES)	ACTIVE WELLS GAS	ACTIVE WELLS OIL	1980 PRODUCTION (Oil m^3 – Gas 10^3m^3)	CUMULATIVE PRODUCTION (1980) (Oil m^3 – Gas 10^3m^3)
	Venison Creek Gas	1971	Thorold Grimsby	Porosity and permeability pinch-out in sandstone	424-427	—	—	—	—
	Wilsonville Gas	1966	Thorold	Porosity and permeability pinch-pinch-out in sandstone	242-251	—	—	—	3512.7[G]
	Wilsonville South Gas	1967	Thorold Grimsby	Porosity and permeability pinch-out in sandstone	233-259	4	—	356.9[G]	10,014.2[G]
OXFORD	Brownsville Gas	1935	Guelph	Dolomitized bioherm patch reef	277	3	—	122.9[G]	112,790.0[G]
	Norwich South Gas	1944	Irondequoit	Porosity and permeability pinch-out in dolomite	314-338	1	—	70.6[G]	13,659.1[G]
	Verschoyle West Gas	1966	Guelph	Dolomitized bioherm patch reef	570-576	—	—	—	8,526.7[G]
WELLAND	Crowland Gas storage	1951	Grimsby Whirlpool	Porosity and permeability pinch-out in dolomite and sandstone	266-396	—	—	—	15,212.1[G]
	Welland Gas	1889	Irondequoit, Thorold, Whirlpool Grimsby	Porosity and permeability pinch-out in dolomite and sandstone	231-259	136	—	1,984.6[G]	1,505,282.6[G]
				ORDOVICIAN					
BRUCE	Hepworth (off map) Gas	Prior to 1900	Trenton-Black River	Dolomitized zones in deformed basal limestones	580	—	—	—	708.2[G]
ELGIN	Aldborough 4-A-VIII Oil Producer, Gas Show	1980	Black River	Dolomite in stratigraphic trap	1178-1184	—	1	361.6[0]	361.6[0]
ESSEX	Colchester Oil	1957	Trenton-Black River	Dolomitized zone in faulted syncline	637-731	—	5	696.4[0]	103,861.7[0]
	Gosfield South Oil	1961	Trenton	Dolomitized zone in faulted syncline	733-745	—	—	—	—
	Malden Oil	1961	Trenton-Black River	Dolomitized zone in faulted syncline	716-731	—	4	418.4[0]	2,533.8[0]
	Malden 3-41-IV Oil	1977	Trenton	Dolomitized zone in fault?	733-752	—	1	262.4[0]	433.0[0]
	Ruscom River Oil	1970	Trenton	Dolomitized zone in faulted syncline	832-847	—	2	51.0[0]	773.9[0]
GREY	Egremont (off map) Gas	1966	Black River	Dolomitized zone in basal limestone	664-670	—	—	—	—
HALTON	Acton (off map) Gas & Oil	1954	Black River	Dolomitized zone in anticline	530-594	—	—	—	14,022.4[G]
	Hornby (off map) Gas	1959	Black River	Dolomitized zone in anticline	466-492	—	—	—	1,076.5[G]

COUNTY	POOL	DISCOVERY DATE	PRODUCING FORMATIONS	RESERVOIR & TRAPPING MECHANISM	DEPTH (METRES)	ACTIVE WELLS GAS	ACTIVE WELLS OIL	1980 PRODUCTION (Oil m^3 – Gas 10^3m^3)	CUMULATIVE PRODUCTION (1980) (Oil m^3 – Gas 10^3m^3)
KENT	Dover Gas & Oil	1917	Trenton-Black River	Dolomitized zone in faulted syncline	890-938	5	1	75.7[a] 3,535.9[G]	38,588.0[a] 361,097.9[G]
	Stevenson Oil	1957	Trenton	Dolomitized zone in dome	823-826	—	—	—	525.6[a]
PRINCE EDWARD	Picton (off map) Gas	1937	Trenton-Black River	Porous bioclastic zones in fault block (?)	68-149	—	—	—	56.7[G]
WELLINGTON	Arthur Gas	1968	Black River	Dolomitized zones in basal limestone	674-722	2	—	1,476.8[G]	15,362.4[G]
				CAMBRIAN					
ELGIN	New Glasgow Gas	1959	Cambrian	Porosity pinchout in sandy dolomite	1201	—	—	—	—
	Willey Oil & Gas	1964	Cambrian	Sandy dolomite in fault trap	1079-1102	—	12	7,998.6[a]	225,241.6[a] 23,257.3[G]
KENT	Clearville Oil	1962	Cambrian	Sandy dolomite in tilted fault block	1188-1206	—	10	3,471.4[a]	202,541.2[a]
	Electric Gas	1948	Cambrian	Dolomite in stratigraphic trap	1209-1215	—	—	—	1,869.7[G]
	St. Patricks Gas	1970	Cambrian	Dolomite in stratigraphic trap	1132-1134	—	—	—	—
	Zone 5-III Oil	1925	Cambrian	Dolomite in stratigraphic trap	1204-1213	—	—	—	92.0[a]
MIDDLESEX	North Willey (formerly Ekfrid) Oil & Gas	1973	Cambrian	Dolomite in stratigraphic trap	1085-1088	—	2	573.7[a]	6,275.0[a] 1,898.0[G]
OXFORD	Gobles Oil & Gas	1959	Cambrian	Dolomitic sandstone in stratigraphic trap	891-907	—	36	3,364.4[a]	211,705.1[a] 25,353.6[G]
	Innerkip Gas & Oil	1961	Cambrian	Dolomitic sandstone in stratigraphic trap	873-890	8	4	146.9[a] 6,529.5[G]	3,013.1[a] 49,745.3[G]
	Innerkip East Gas	1968	Cambrian	Dolomitic sandstone in stratigraphic trap	868-879	—	—	—	2,351.2[G]
	Verschoyle Oil	1963	Cambrian	Dolomitic sandstone in stratigraphic	1015-1018	—	—	—	208.4[a]
WENTWORTH	Rockton (off map) Gas	1960	Cambrian	Sandstone in stratigraphic trap	719	—	—	—	—

TABLE 18. ONTARIO OIL PRODUCTION BY FIELDS, 1980.

COUNTY	FIELD	TOWNSHIP	PRODUCING HORIZONS	WELLS ACTIVE	WELLS SUSP.	PRODUCTION IN m^3	COMPANY
ELGIN	Aldborough 4-A-VIII	Aldborough	Black River	1	0	361.6	Realoil
	Rodney	Aldborough	Lucas	131	37	23,442.4	Canada Cities Service, Rayrock
	Wallacetown	Dunwich	Lucas	16	0	151.9	Marcus
	Willey	Dunwich	Cambrian	12	2	7,998.6	DenMar, IU
ESSEX	Colchester	Colchester S.	Gull River	4	1	696.4	Bradford, Putman
	Kingsville	Gosfield South	Guelph Cobourg	7	0	3,646.7	Gaiswinkler
	Malden	Malden	Gull River A-1 Carbonate	4	0	418.4	Bradford
	Malden 3-41-4	Malden	Verulam	1	0	262.4	Gaiswinkler
	Ruscom River	Rochester	Kirkfield	0	2	51.0	Forbes
HURON	Grand Bend	McGillivray	Guelph	5	1	4,267.0	Sunburst
	Tipperary	Goderich	Guelph	1	0	148.8	Moffat Lake
KENT	Bothwell-Thamesville	Zone	Dundee Lucas	36	3	1,572.6	Kodyen, Pope, Rowe, Sitler
	Chatham	Chatham	A-2 Carbonate A-1 Carbonate Guelph	1	0	162.0	Ridell-Hanna
	Clearville	Orford	Cambrian	10	6	3,471.4	Murphy
	Dover	Dover	Gull River	1	0	75.7	Comfort
	Dresden	Camden	A-2 Carbonate A-1 Carbonate	1	0	181.7	Brett
LAMBTON	Becher West	Sombra	A-1 Carbonate	20	8	6,636.9	Murphy
	Brigden	Moore	A-1 Carbonate	2	0	300.2	Consumers
	Brooke	Brooke	Guelph	9	0	4,015.7	Various
	Corunna	Moore	A-1 Carbonate	24	0	5,890.7	Imperial Oil
	Cromar	Moore	Guelph	2	0	659.7	Corden, Ram
	Dawn (Misc.)	Dawn	A-2 Carbonate Guelph	12	1	1,790.1	Various
	Dawn 156	Dawn	A-2 Carbonate A-1 Carbonate	1	0	276.5	Imperial Oil
	Edys Mills	Dawn	Guelph	1	0	1,833.5	Ram
	Enniskillen 30	Moore	Guelph	1	0	261.0	Bluewater
	Ladysmith	Moore	Guelph	3	2	2,900.9	Michigan
	Oil Springs	Enniskillen	Dundee	308	38	4,854.1	Various
	Oil Springs, East	Enniskillen	Guelph	1	0	363.0	Camel
	Osborne	Moore	Guelph	28	6	28.6	Michigan
	Petrolia	Enniskillen	Dundee Lucas	100	17	4,887.2	Various
	Petrolia East	Enniskillen	Guelph	6	2	2,835.4	Ram
	Plympton 5-19-VI	Sarnia	Guelph	1	0	3,064.0	Bluewater
	Sombra	Sombra	Guelph	1	0	164.9	Ram
	Sombra (Misc.)	Sombra	Guelph	1	0	19.0	Crawford
	Sutorville	Brooke	Guelph	2	0	221.8	Brett
	Wanstead	Enniskillen	Guelph	3	0	703.0	Roth & Roth
	Warwick	Warwick	Guelph	1	1	922.8	Murphy
MIDDLESEX	Glencoe	Mosa	Dundee Lucas	3	0	84.0	Ameracrude
	Mosa	Mosa	A-1 Carbonate	1	0	175.0	Bradford
	North Willey		Cambrian	2	2	573.7	A.I.S.
OXFORD	Gobles	Blenheim	Cambrian	36	2	3,364.4	Rayrock
	Innerkip	Blandford	Cambrian	4	1	146.9	Ameracrude, Gaiswinkler

TABLE 19. OIL PRODUCTION IN ONTARIO BY FIELD, 1976-1980.

COUNTY	FIELD	1976 m^3	1977 m^3	1978 m^3	1979 m^3	1980 m^3
ELGIN	Aldborough 4-A-VIII	—	—	—	—	361.6
	Rodney	32201.8	29499.8	26269.3	24287.0	23442.4
	Wallacetown	138.8	129.4	141.5	118.0	151.9
	Willey	11429.7	11340.8	9195.0	7367.0	7998.6
ESSEX	Colchester	1115.6	992.7	1207.0	1043.0	696.4
	Kingsville	484.6	1167.1	1540.0	4590.0	3646.7
	Malden	399.4	363.4	422.0	283.0	418.4
	Malden 3-41-4	—	—	98.6	72.0	262.4
	Ruscom River	11.9	84.9	100.8	17.0	51.0
HURON	Grand Bend	824.3	2502.3	4076.6	4454.0	4267.0
	Tipperary	—	—	—	—	148.8
KENT	Bothwell-Thamesville	1509.2	1491.1	1569.2	1425.0	1572.6
	Chatham	328.0	530.9	498.3	311.0	162.0
	Clearville	4014.6	3881.5	3790.9	3324.0	3471.4
	Dover	36.4	64.5	66.8	65.0	75.7
	Dresden	375.8	263.6	219.4	178.0	181.7
	Zone 5-III	—	—	—	92.0	—
LAMBTON	Becher West	8324.3	7369.9	6763.0	6168.0	6636.9
	Bickford	15.9	—	—	—	—
	Brigden	352.3	370.9	308.3	243.0	300.2
	Brooke	3483.6	3465.2	3538.4	5257.0	4015.7
	Corey East	—	—	2141.9	—	—
	Corunna	3163.2	2884.2	2595.8	3018.0	5890.7
	Cromar	546.6	584.0	752.2	559.0	659.7
	Dawn (Misc.)	878.1	1191.5	1651.5	1488.0	1790.1
	Dawn 156	657.6	612.3	572.4	222.0	276.5
	Dawn-Sombra	—	96.7	—	—	—
	Edys Mills	—	17.8	419.9	684.0	1833.5
	Enniskillen 30	—	1167.1	564.1	315.0	261.0
	Ladysmith	4429.4	3864.7	3467.4	2968.0	2900.9
	Oil Springs	3817.6	3867.3	3982.9	4123.0	4854.1
	Oil Springs East	25.4	114.3	147.0	68.0	363.0
	Osborne	1305.6	905.8	459.6	105.0	28.6
	Petrolia	3098.0	3279.5	3322.7	3223.0	4887.2
	Petrolia East	3279.6	3532.9	3510.8	2869.0	2835.4
	Plympton 5-19-VI	—	—	—	2093.0	3064.0
	Seckerton	3913.8	4027.3	3385.2	3432.0	—
	Shetland	9.4	4.6	4.8	—	—
	Sombra	—	16.7	126.1	68.0	164.9
	Sombra (Misc.)	289.6	14.3	—	—	19.0
	Sombra 6-28-9	36.9	—	—	—	—
	Sutorville	—	232.0	149.3	87.0	221.8
	Wanstead	796.7	703.2	915.9	973.0	703.0
	Warwick	1381.3	1428.8	1269.4	1385.0	922.8
	Welch	—	—	—	—	—
	Wilson Croft	—	23.7	14.3	—	—
MIDDLESEX	Glencoe	—	—	—	—	84.0
	Mosa	208.8	184.6	162.5	194.0	175.0
	North Willey	488.9	984.6	1238.0	997.0	573.7
OXFORD	Gobles	5419.1	4991.7	4211.6	3657.0	3364.4
	Innerkip	57.3	124.8	192.0	162.0	146.9
TOTALS		98812.2	98372.4	95209.0	91984.0	93881.6

TABLE 20. PERCENT OIL PRODUCTION BY AGE, 1976-1980.

AGE	1976	1977	1978	1979	1980
Devonian	41.3	38.9	37.1	36.0	37.3
Silurian	35.5	37.9	41.3	45.4	44.1
Ordovician	1.6	1.5	2.0	1.6	2.0
Cambrian	21.7	21.7	19.6	17.0	16.6
TOTALS	100.0%	100.0%	100.0%	100.0	100.0%

TABLE 21. OIL PRODUCTION BY COUNTY, 1980.

COUNTY	PRODUCTION m^3	% OF ONTARIO TOTAL
Elgin	31,954.5	34.0
Essex	5,074.9	5.4
Huron	4,415.8	4.7
Kent	5,463.4	5.8
Lambton	42,629.0	45.4
Middlesex	832.7	0.9
Oxford	3,511.3	3.7
TOTAL	93,881.6 m^3	99.9%

TABLE 22. ONTARIO GAS PRODUCTION BY FIELDS, 1980.

COUNTY	FIELD	TOWNSHIP	FORMATIONS	WELLS		AVERAGE SHUT-IN W.H.P. (KPA)	PRODUCTION (m^3)	PRODUCER
				ACT.	SUSP.			
BRANT	Brant	n/a	Irondequoit	23	3	755	444,400	Hyslop
ELGIN	Aldborough	Aldborough	A-1 Carbonate	1	0		22,500	Coatsworth
	Cowal	Dunwich	A-2 Carbonate A-1 Carbonate Guelph	2	1	1,655	246,100	Union
	Mosald	n/a	A-2 Carbonate A-1 Carbonate Grimsby	9	1	2,223	2,310,500	Union
	Silver Cr. (L. Erie)	Lake Erie	Guelph Thorold Grimsby	38	57	3,177	64,643,400	Consumers'
HALDI-MAND	Haldimand	All Twps.	Thorold Grimsby Whirlpool	142	9	1,145	1,480,300	Benner, Glenfred, Haldimand
	Maitland (L. Erie)	Lake Erie	Thorold	64	0	285	66,962,800	Anschutz, Mitchell, Place
	Selkirk (L. Erie)	Lake Erie	Grimsby	76	9	1,202	14,853,900	Mitchell, Place
HURON	Tipperary	Goderich	Guelph	3	0	2,413	583,200	Moffat
KENT	Botany	Howard	A-1 Carbonate	2	1		95,700	Cameron
	Camden Gore	Camden	A-2 Carbonate A-1 Carbonate Guelph	13	0	2,438	1,692,100	Union
	Chatham	Chatham	A-2 Carbonate A-1 Carbonate Guelph	14	4	1,973	1,422,400	Union, York
	Dover	Dover	Gull River	5	0	1,756	3,535,900	J.W.K., Union
	D'Clute	Raleigh	A-2 Carbonate	11	0	1,744	283,500	Union
	D'Clute (L. Erie)	Lake Erie	A-2 Carbonate A-1 Carbonate	11	0	2,128	2,714,800	C.W.P., Dean
	Morpeth	Howard	A-2 Carbonate	8	3	1,343	881,600	Pegg
	Morpeth (L. Erie)	Lake Erie	A-2 Carbonate	19	16	5,652	47,304,000	Consumers'
	Tilbury	Tilbury E.	A-2 Carbonate A-1 Carbonate Guelph	37	0	875	7,916,800	Union
	Tilbury (L. Erie)	Lake Erie	A-1 Carbonate Guelph	77	2	—	15,684,100	C.W.P.
	Wolfe	Harwich	A-2 Carbonate	1	0	4,205	122,400	MacKay
	Zone	Zone	A-2 Carbonate A-1 Carbonate	30	10	1,598	1,808,500	Union
LAMBTON	Becher W.	Sombra	A-1 Carbonate	28	13	851	1,880,800	Murphy
	Brigden	Moore	A-1 Carbonate	2	0	—	1,659,800	Consumers'
	Conveny	Sombra	Guelph	0	2	5,264	184,100	Union
	Cromar	Moore	Guelph	1	0	3,311	951,900	Lee Marine
	Dawn #1	Dawn	A-2 Carbonate A-1 Carbonate	7	0	542	657,600	Union
	Dawn (Misc.)	Dawn	A-2 Carbonate A-1 Carbonate Guelph	15	6	2,717	5,978,100	Colonial, Forbes, Union
	Dow Moore 3-21-XII	Moore	Guelph	5	3	4,538	79,762,800	Dow
	Enniskillen 26	Enniskillen	Guelph	0	4	3,099	600	Union
	Oil Springs East	Enniskillen	Guelph	1	0	—	19,148,000	Husky
	Otter Creek	Sombra	A-1 Carbonate Guelph	4	2	1,308	785,400	Ram Shawnee
	Otter Creek East	Sombra	Guelph	4	0	—	653,700	Brett, Cameron
NORFOLK	Clear Creek (L. Erie)	Lake Erie	Thorold Grimsby	34	43	2,962	37,333,900	Consumers'
	Dover	Lake Erie	Thorold Grimsby	50	4	2,221	17,823,500	C.W.P., Mitchell Place
	Hemlock	Houghton	Grimsby	7	1	2,838	1,546,900	Hemlock, Shawnee
	Norfolk	All Twps.	Irondequoit Grimsby	161	36	1,406	26,207,400	Various
	Wilsonville South	Townsend	Thorold Grimsby	4	9	1,400	356,900	Portfield, Viewpoint, Sunburn
OXFORD	Brownsville	Dereham	Guelph	3	0	—	122,900	Hemlock
	Innerkip	Blandford	Cambrian	8	1	1,689	6,529,500	Ameracrude, Nith R.
	Norwich S.	South Norwich	Irondequoit	1	0	3,645	70,600	Starlite
WELLAND	Leepfrog (L. Erie)	Lake Erie	Thorold Grimsby Whirlpool	7	13	—	5,107,200	Consumers'
	Welland	All Twps.	Irondequoit Thorold Grimsby	136	33	643	1,984,600	Various
WELLINGTON	Arthur	Arthur	Gull River	2	0	1,651	1,476,800	Kenartha
TOTAL				1,066	286		445,231,900	

TABLE 23. GAS PRODUCTION IN ONTARIO BY FIELDS, 1976-1980.

COUNTY	FIELD	1976 m^3	1977 m^3	1978 m^3	1979 m^3	1980 m^3
BRANT-	Brant	—	604540	548047	675700	444400
ELGIN	Aldborough	—	—	—	—	22500
	Cowal	246896	416401	464484	331700	246100
	Mosald	1588046	2455310	2587749	2265100	2310500
	Silver Cr. (L. Erie)	12582970	50979208	65010339	64935300	64643400
	Willey	—	—	424755	—	—
ESSEX	Atlas (L. Erie)	—	—	—	—	—
	Oxley	—	—	—	—	—
HALDIMAND	Haldimand	3172638	2190914	2150308	1725000	1480300
	Lincoln	—	—	8354	8400	—
	Maitland (L. Erie)	2804544	23320778	60971202	50323100	66962800
	Selkirk (L. Erie)	5833188	6673440	15703391	15564200	14853900
HURON	Tipperary	—	—	—	—	583200
KENT	Botany	4078	424330	539779	67250	95700
	Camden Gore	1408459	1592491	1585950	1704600	1692100
	Chatham	1848506	1735606	1242578	1314500	1422400
	Dover	1319940	1895568	1656629	1450700	3535900
	D'Clute	354161	204902	280112	253500	283500
	D'Clute (L. Erie)	2819297	3120080	2989058	2722800	2714800
	Morpeth	806496	788345	745813	778300	881600
	Morpeth (L. Erie)	—	—	—	—	47304000
	Tilbury	10279864	7621945	6632011	7245300	7916800
	Tilbury (L. Erie)	23598595	21305399	17481698	16754300	15634100
	Wolfe	193802	187175	104037	109500	122400
	Zone	1657705	1696217	2330659	1949800	1808500
LAMBTON	Avonry	—	—	—	—	—
	Becher East	—	—	—	—	—
	Becher West	2360647	2176275	2246133	2314700	1880800
	Brigden	897649	1925641	1290434	1568800	1659800
	Corunna	94352	51933	248538	210600	—
	Coveny	—	—	6558359	—	184100
	Cromar	854720	1059849	1350579	1390700	951900
	Dawn #1	571749	669754	717779	1060200	657600
	Dawn (Misc.)	1799461	2376561	2095684	2135800	5978100
	Dawn 156	—	—	—	—	—
	Dawn 167	286851	—	—	—	—
	Dow Moore 3-21-XII	—	—	36722845	81150400	79762800
	Enniskillen 26	85064	219372	2860	1700	600
	Enniskillen 28	198	—	—	—	—
	Mandamin	—	—	—	—	—
	Oil Springs East	—	18558509	31733729	27262000	19148000
	Otter Creek	2962355	1750812	1236151	946300	785400
	Otter Creek East	559997	360136	209914	145700	653700
MIDDLESEX	North Willey	161690	311487	42492	—	—
NORFOLK	Clear Creek (L. Erie)	7828631	26123735	30627016	38493000	37333900
	Dover (L. Erie)	25145524	26308446	19770477	25078800	17823500
	Hemlock	3258607	2535589	2175227	2027200	1546900
	Norfolk	15618013	19656019	21136261	21977300	26207400
	Venison Creek-	—	—	—	739000	—
	Wilsonville South	682922	1184755	309873	450670	356900
OXFORD	Brownsville	—	257259	36416	63300	122900
	Innerkip	1923885	4640618	6951512	6899300	6529500
	Norwich South	38738	78268	80732	47700	70600
WELLAND	Leepfrog (L. Erie)	—	—	—	—	5107200
	Welland	3522098	2888987	2782229	2990502	1984600
WELLINGTON	Arthur	1184160	1083097	1121750	798100	1476800
TOTAL		140356496	241429751	352861451	382861451	445231900

TABLE 24. GAS PRODUCTION BY COUNTY, 1980.

COUNTY	PRODUCTION (10^3m^3)	% OF ONTARIO TOTAL
Brant	444.4	0.1
Elgin	67222.5	15.1
Haldimand	83297.0	18.7
Huron	583.2	0.1
Kent	83461.8	18.7
Lambton	111662.8	25.1
Norfolk	83268.6	18.7
Oxford	6723.0	1.5
Welland	7091.8	1.6
Wellington	1476.8	0.3
TOTAL	445231.9	99.9%

TABLE 25. PERCENT GAS PRODUCTION BY AGE, 1976-1980.

FORMATION/AGE	1976	1977	1978	1979	1980
Clinton-Cataract	44	34	63	58	53.6
Salina-Guelph	51	56	34	39	43.8
Ordovician	2	4	1	1	1.1
Cambrian	3	6	2	2	1.5
TOTAL	100.0	100.0	100.0	100.0	100.0

TABLE 26. GAS PRODUCTION UNITS — OFFSHORE LAKE ERIE & LAKE ST. CLAIR.

NOTE: The following are not geological pools but production units in Lake Erie and Lake St. Clair. The values listed under "Depth" represent the minimum and maximum values of the producing interval taken from final results or from the initial gas record where no final results were recorded. "Discovery date" is the completion date of the first well discovered within the boundary of the production unit. Production units are in order of location from east to west.

	PRODUCTION UNIT	DISCOVERY DATE	PRODUCING FORMATIONS	RESERVOIR & TRAPPING MECHANISM	DEPTH (METRES)	ACTIVE WELLS GAS	1980 PRODUCTION (Oil m^3 — Gas 10^3m^3	CUMULATIVE PRODUCTION 1980 (Oil m^3 — Gas 10^3m^3
LAKE ERIE	Colbourne -Welland Co.	1975	Grimsby Whirlpool	Porosity & permeability pinch-out in sandstone	254-285	—	—	—
	Leepfrog -Welland Co.	1965	Grimsby, Cabot Head, Whirlpool	Porosity & permeability pinch-out in sandstone	305-401	7	5107.2 G	—
	Maitland -Haldimand Co. (also Norfolk & Welland	1960	Irondequoit, Reynales, Thorold Grimsby, Cabot Head, Whirlpool	Porosity & permeability pinch-out in dolomite and sandstone	226-404	56	66962.8 G	—
	Selkirk -Haldimand Co. (also Norfolk)	1958	Irondequoit, Reynales, Thorold, Grimsby, Whirlpool	Porosity & permeability pinch-out in dolomite and sandstone	245-356	84	14853.9 G	—
	Dover -Norfolk Co.	1962	Irondequoit, Reynales, Thorold, Grimsby, Cabot Head, Whirlpool	Porosity & permeability pinch-out in dolomite and sandstone	302-438	50	17823.5 G	—
	Clear Creek -Norfolk Co.	1969	Reynales, Thorold, Grimsby, Cabot Head, Whirlpool (also Guelph)	Porosity & permeability pinch-out in dolomite and sandstone (also reef ?)	355-561	34	37333.9 G	—
	Silver Creek -Elgin Co.	1967	Reynales, Thorold, Grimsby (also A-1 Carbonate, Guelph, Bass Islands, & Springvale	Dolomitized bioherm patch reef (?); porosity & permeability pinch-out in sandstone and dolomite	445-621 Guelph = 326-424 Bass Islands = 250-273l Springvale = 217-222	38	64643.4 G	439883.6 G
	D'Clute -Kent Co.	1958	A-2 Carbonate, A-1 Carbonate, Guelph (also Dundee)	Dolomitized bioherm patch reef	398-460 Dundee = 65	11	2714.8 G	225886.1 G
	ERIEAU -Kent Co.	1970	Guelph	(?)	502-519	—	—	—
	MORPETH -Kent Co.	1973	A-1 Carbonate, Guelph, Grimsby	Dolomitized stromatolitic (?) mound; porosity & permeability pinch-out in sandstone	Grimsby = 635-646 Salina = 460-532	19	47304.0 G	47304.0 G
	TILBURY -Kent Co.	1913	A-2 Carbonate, A-1 Carbonate, Guelph	Dolomitized bioherm reef	326-423	77	15684.1 G	1678408.5 G
	Atlas -Essex Co.	1959	A-1 Carbonate, Guelph	Dolomitized bioherm patch reef (?)	286-306	—	—	73426.2 G
LAKE ST. CLAIR	-Kent Co.	1955	A-2 Carbonate Guelph	Dolomitized hioherm patch reef	415-443	—	—	821.5 G

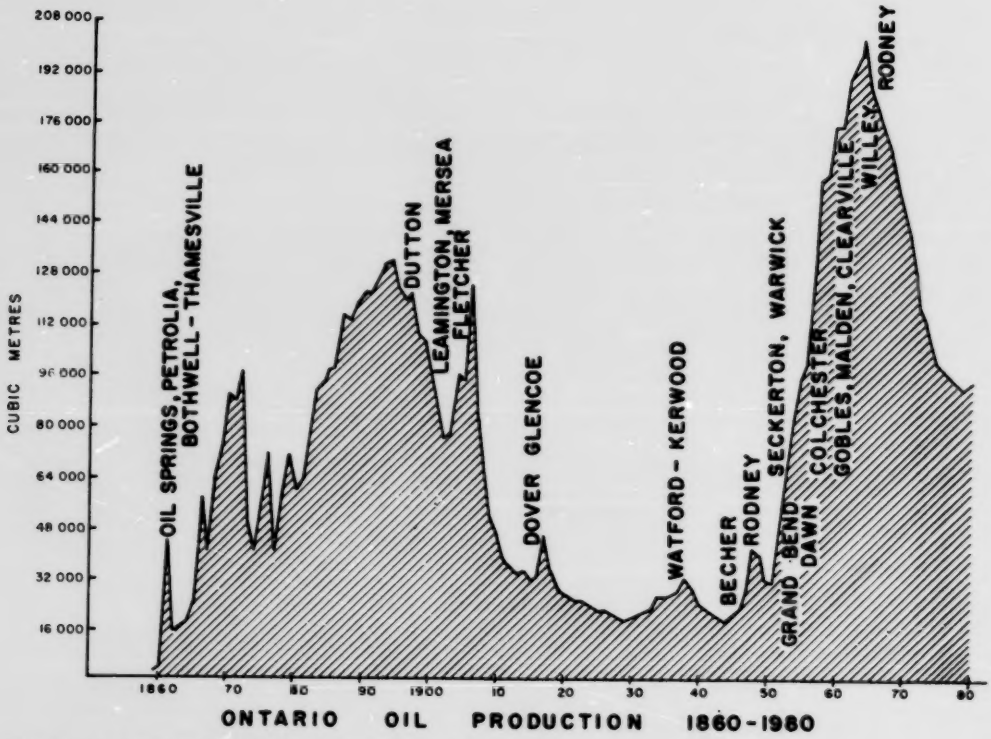


FIGURE 5. ONTARIO OIL PRODUCTION, 1860-1980.

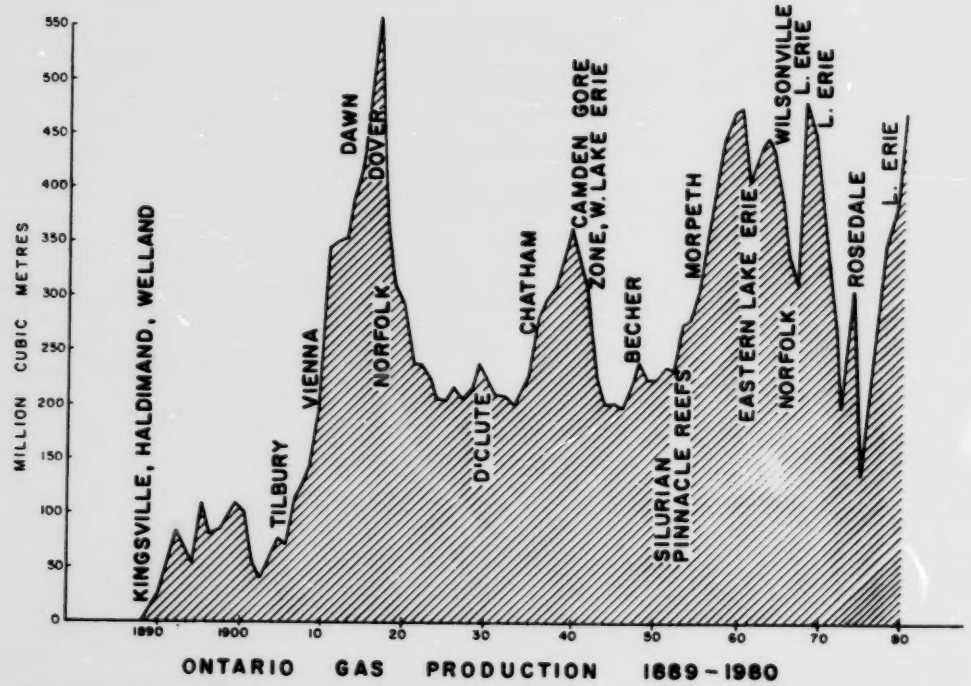


FIGURE 6. ONTARIO GAS PRODUCTION, 1889-1980.

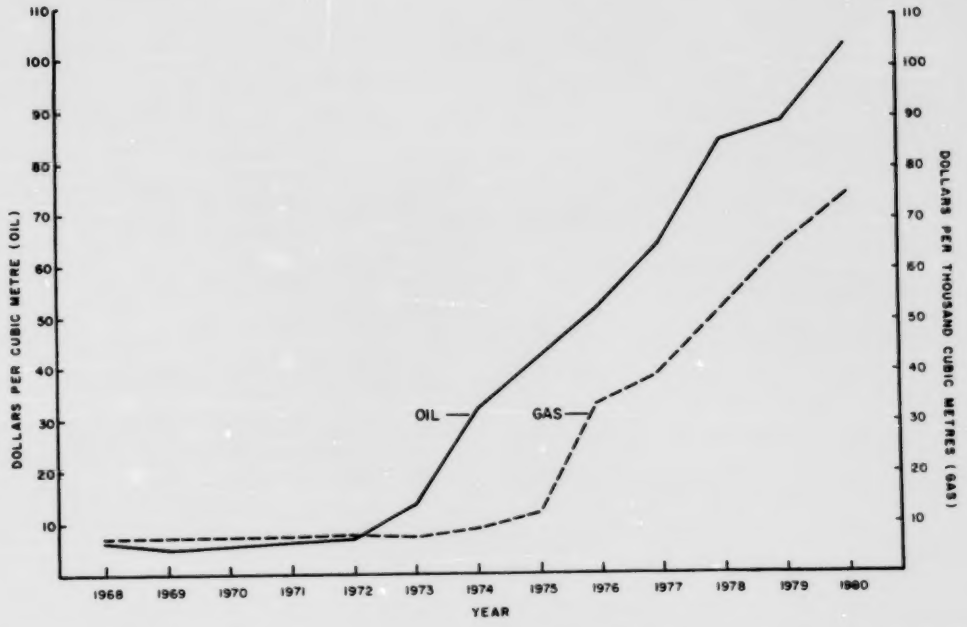


FIGURE 7. AVERAGE ANNUAL PRICE PAID FOR INDIGENOUS CRUDE OIL AND NATURAL GAS, 1980.

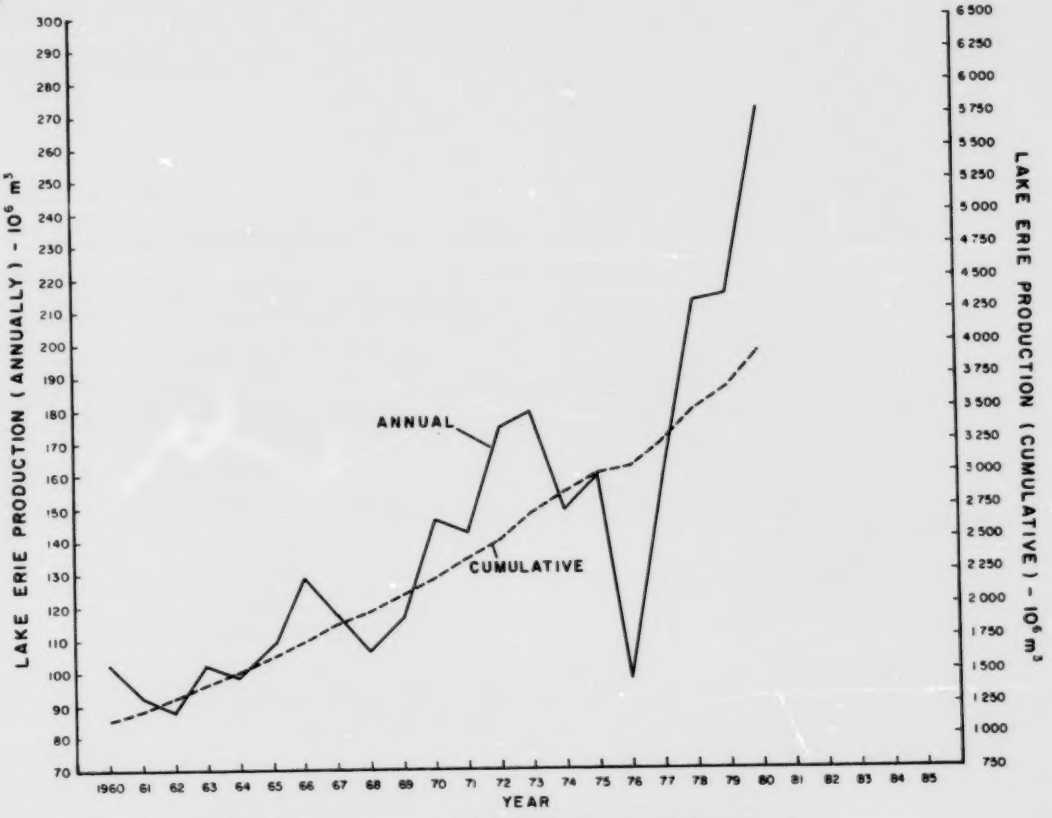


FIGURE 8. CUMULATIVE AND ANNUAL LAKE ERIE GAS PRODUCTION.

VII. Gas Storage

A total of 15 gas storage pools were in operation and three pools were inactive during 1980. One new storage pool, the Enniskillen 28 pool came on stream in 1980 with a working capacity of 116.4 10^6m^3.

Total gas storage working capacity for 1980 was 5,351.6 10^6m^3.

Lambton County remained the centre for gas storage operations, containing all but one of the pools within its boundaries (Table 27).

TABLE 27. GAS STORAGE — SOUTHWESTERN ONTARIO.

RESERVOIR	ZONE	STATUS	OPERATOR	WORKING CAPACITY AT ORIGINAL RESERVOIR PRESSURE 10^6m^3	ORIGINAL RESERVOIR PRESSURE kPa	WORKING CAPACITY WHEN DELTA PRESSURED 10^6m^3	RESERVOIR PRESSURE WHEN DELTA PRESSURED kPa
Bentpath	G., A-1	Active	Union	111.0	5,978	158.1	8,508
Bickford	G., A-1	Active	Union	400.8	6,398	545.3	8,708
Corunna	G., A-1	Active	Tec.	99.1	6,502	150.7	9,887
Crowland	Whirlpool	Active	Cons.	11.3	3,447	14.2	4,330
Dawn 156	G., A-1	Active	Union	581.9	6,067	884.1	9,218
Dawn 167	G., A-1	Active	Union	141.6	6,247	201.1	8,867
Dawn 47-49	G., A-1	Active	Union	95.7	5,964	113.6	7,081
Dawn 59-85	G., A-1,A-2	Active	Union	113.6	5,964	138.5	7,267
Enniskillen 28	G.	Inactive	Union	75.4	5,281	116.4	7,819
Kimball-Colinville	G., A-1	Active	Tec.	841.3	6,336	1,211.0	9,122
Payne	G., A-1	Active	Union	354.9	6,047	528.8	9,011
Rosedale	G., A-1	Active	Union	69.7	6,474	96.6	8,970
Seckerton	G., A-1	Active	Tec.	255.0	6,481	375.6	9,653
Sombra	G., A-1	Inactive	Union	51.0	6,474	74.8	9,473
Terminus	G., A-1	Active	Union	233.7	5,971	325.8	8,322
Waubuno	G., A-1	Active	Union	186.7	6,419	272.8	9,377
Wilkesport	G., A-1	Active	Tec.	165.4	6,378	N.A.	N.A.
Zone	A-1,A-2	Inactive	Union	101.9	4,971	146.1	7,129
TOTAL				3,890.0		5,353.5	

VIII. Salt Cavern Storage

TABLE 28. SUMMARY OF SALT CAVERN STORAGE.

COMPANY	CAVERN NO.	CAPACITY M^3
Dome Petroleum Ltd. (Sarnia)	RP1	19200
	RP2	20300
	RP3	29700
	RP4	55600
	RP5	32800
	RP6	54000
	RP7	55700
	P1	42100
	P2	47700
	P3	52500
	P4	51700
	P5	49300
	P6	49900
	P7	48500
	P8	35800
	B1	68400
	B2	18300
	B3	31200
	B4	15900
Dome Petroleum Ltd. (Windsor)	32B	169200
	33B	181300
	35B	98600
	A59	presently
	B59	being
	E59	developed
Dow Chemical of Canada Limited	6	15900
	7	20700
	8	26600
	11	19100
	12	19900
	HC1	31800
	HC2	15900
	HC3	31800
	HC4	31800
	HC5	19900
	HC6	19900
	HC7	11900
	HC8	inactive
Imperial Oil Limited	981	23800
	982	38200
	983	31200
	985	22300
	4040	18800
	4041	23800
	4042	35000
	4043	39700
	4044	31800
Polysar Limited	1	12600
	2	17000
	4	16700
	5	10600
	7	12600
Shell Canada Limited	W1	30200
	W2	15300
	W3	14300
	W4	6400
Sun Oil Limited	3	19900
	4	15900
	5	25400
	7	11100
	8	14300
	9	25400
	10	15900
	13	12700
	14	14300
Petrosar Limited	1	51200
	2	49000
	3	12700
	4	35500
	5	17700
TOTAL	66 (active)	2,214,200m^3

Appendix I. List of Publications and Maps

Reports[1]

Annual Reports for 1920-1953.[2]

Annual Reports for 1954-1959 (Ontario Fuel Board).[2] (1954 in print). Price 1.00 each.

Annual Reports for 1960-1970.[2] (1960, 1966, 1969, 1970 in print). Price 1.00 each.

Annual Reports 1971-1974. Price 5.00 each.

Annual Reports 1975-1977. Price 7.50 each.

Oil and Gas Paper 1 (1978). Price 10.00 each.

Oil and Gas Paper 2 (1979). Price 20.00 each.

Paper 67-2. A Guide to the Subsurface Palaeozoic Stratigraphy of Southern Ontario, by R.J. Beards.[2]

Paper 68-2. Subsurface Disposal of Liquid Wastes in Ontario, by D.D. McLean.[2]

Paper 70-2. Gas Analyses Ontario Gas Wells. Price 1.00.

Paper 70-4. Supplement to Catalogue of Ontario Well Samples at the Geological Survey of Canada. Price 1.00.

Paper 71-2. Structural Geology of Southwestern Ontario and Southeastern Michigan, by Robert J. Brigham.[2]

Paper 73-2. The Oil and Gas Potential of the "Clinton-Cataract" Reservoirs of Norfolk County, by T.A. MacDougall.[2]

Report of the Committee on Oil and Gas Resources Part I (Offshore Activity – 1961) Part II (Underground Storage of Natural Gas – 1962).[2]

Index of Ordovician and Cambrian Wells Drilled in Southwestern Ontario Prior to 1963, by D.A. Sharp.[2]

Yesterday, Today, Tomorrow – Oil and Gas in Ontario. No charge.

Paper 11-1a. Background Paper on Ontario Petroleum Resources.[2]

Offshore Exploration in Great Lakes Region, by Bryson C. Donnan, 1961.[2]

Minutes and Seconds Expressed as Decimal Parts of a Degree, MP/3. No charge.

Petroleum Possibilities of the James Bay Lowland Area Vol. 61 Part 6 (maps included), 1952. Price 1.50.

Geological Circular 7. Offshore Exploration for Gas Under the Canadian Waters of the Great Lakes, by A.C. Newton and W.E. Koepke, 1964. Price 0.50.

MISCELLANEOUS REPORTS (available as photo copies)[2].

A Look at Lake Erie Exploration.

Maps[3]

1. **WELL LOCATION AND STATUS (CURRENT) MAPS,** NTS Series, Scale:1:30 000, (see Figure 10 for Key Map). Price $1.50 each.

A2, 3, (3A Pelee Is.)
B1 to 5 (incl.)
C1 to 7 (incl.)
D3 to 13 (incl.)
E4 to 18 (incl.)
F4 to 17 (incl.)
G6 to 10 (incl.)
H7 to 9 (incl.)
I7 to 9 (incl.)
J7 to 8 (incl.)
K7 to 8 (incl.)

2. **OIL AND GAS POOL AND PIPELINES MAP, SOUTHWESTERN ONTARIO,** scale 1:250 000. Price $1.50 each.

3. **FIELD AND POOL MAPS,** scale: 1:20 000. Price $1.00 each.

Acton
Aldborough
Arthur
Bayfield
Bayham
W. Becher
Bentpath
Bickford
Bothwell-Thamesville
Brigden
Brooke
Camden Gore
Clearville
Colchester South
Courtright
Coveny
Cromar-Moore
Crowland
Dashwood
Dawn 4-28-III
Dawn 4-33-IX
Dawn 5-30-IV
Dawn 7-28-VI
Dawn 23-II
Dawn No. 47-49
Dawn No. 59-85
Dawn No. 156
Dawn No. 167
Dover
Dow Moore 3-21-XII
Dresden
Duffton
Dungannon
Egremont
Enniskillen 2-15-VI
Enniskillen 2-30-IX
Enniskillen No. 26
Enniskillen No. 28
Florence
General Dawn 5-27-III
Glencoe
Gobles
Gosfield South
Grand Bend
Hemlock
Hornby
Innerkip, Innerkip East
Kimball-Colinville, Payne
Seckerton, Corunna
Ladysmith
Malden
Norfolk
North Willey
Oil City
Oil Springs
Oil Springs East
Osborne
Oxley
Petrolia East
Plympton 5-19-VI
Rodney
Rosedale
Ruscom River
St. Patrick's
Shetland NYK.
Sombra
Terminus, Terminus North
Otter Creek, Otter Creek East
Tilbury
Tipperary
Townsend
Venison Creek
Verschoyle West
Warwick
Waubuno
Wilkesport
Willey
Wilson Croft
Wilsonville
Wilsonville South
Zone

4. **LAKE ERIE MAPS,** Scale 1:50 000. (See Figure 10 for key map.) Price $3.00 each.

Map A 79°30'–78°55'
Map B 80°00'–79°30'
Map C 80°30'–80°00'

---

[1]Reports are available through the *Public Service Centre, Whitney Block, Queen's Park, Toronto.* Orders should be accompanied by cheque or money order, payable to the *Treasurer of Ontario.*

[2]Out of print originals are on file with Mines Library, MNR, 77 Grenville St., Room 812, Toronto, Ontario, N5S 1B3 (416-965-1352).

[3]Maps, microfilm, and prints of well history cards and related technical information may be obtained by writing to *Ministry of Natural Resources, Petroleum Resources Section, 1106 Dearness Drive, London, Ontario, N6E 1N9 (519-681-5350). Well history cards may also be obtained at the Petroleum Resources Laboratory.*
Note: orders originating in Ontario are subject to 7 percent provincial sales tax.

Map D 81°00'–80°30'
Map E 81°30'–81°00'
Map F 82°00'–81°30'
Map G 83°10'–82°30'

5. GEOLOGICAL MAPS.

S.W. REGIONAL STRUCTURE CONTOUR MAPS, scale: 1:250 000. Price 5.00 each.

76-100 Precambrian
76-101 Cambrian
76-102 Trenton
76-103 Queenston
76-104 Rochester
76-105 Salina
76-106 Bass Islands
76-107 Dundee
76-109 A-2

LAKE ERIE GEOLOGICAL MAPS, scale: 1:50 000. Price 4.00 each. (see Figures 12 & 13 for key Maps)

1. Queenston Structure	8 maps
2. Thorold-Grimsby Structure	6 maps
3. Irondequoit-Reynales Structure	8 maps
4. Guelph Structure	8 maps
5. A-2 Structure	8 maps
6. B-Marker Structure	8 maps
7. Bass Islands Structure	8 maps
8. Dundee Structure	5 maps
1. Drift Isopach	8 maps
2. Devonian-Carbonate Isopach	8 maps
3. Bass Islands Isopach	8 maps
4. Guelph-Rochester Isopach	8 maps
5. Whirlpool Isopach	5 maps

Photo Copies[3]

Photo copies are available of all production reports, engineering reports, core analyses and well history cards. Price 0.25 per copy.

Microfilm and Microfiche[3]

WELL HISTORY CARDS, complete to December 31st, 1973, containing approximately 15,000 wells. Price $100.00 per set.

INDEX OF REPORTS AND DATA ON MICROFICHE.

A Field Report, General Geological Reconaissance of Hudson Bay – Summer 1908.

B Detailed Geomorphic Evaluation James Bay.

C Detailed Geomorphic Evaluation, James Bay Lowlands, Aquitaine (compiled by Geophoto).

D Studies of Samples collected around the Hudson Bay Lowlands & Northern Islands – Canada – Summer 1968. Comparisons with Kaskattama No. 1 well – 1969.

E Aeromagnetic Interpretation for part of Moosonee River Basin, District of Cochrane, Aquitaine – 1969.

F Aerial Magnetic Interpretation Moose River Area, Mid-Eastern Oil and Gas Ltd., Anthony Oil & Gas Explorations Ltd., Dolphin Explorations, Ltd.

G Gravity Survey, Moose River Area, Mid-Eastern Oil & Gas Ltd., Anthony Oil & Gas Ltd., Dolphin Explorations Ltd.

H Gravity Survey, Fort Severn Area, Mid-Eastern Oil & Gas Ltd., Anthony Oil & Gas Explorations Ltd., Dolphin Explorations Ltd.

I Aerial Magnetic Interpretation, Fort Severn Area, Mid-Eastern Oil & Gas Ltd., Anthony Gas & Oil Explorations Ltd., Dolphin Explorations Ltd.

J Aerial Magnetic Interpretation, Moose River Area, Transalta Oil & Gas Ltd.

K Gravity Survey, Moose River Area, Transalta Oil & Gas Ltd.

L Transalta – Geological Report, Lic. No. 14502 and 14503 – James Bay.

M Aquitaine – Laboratory Report Pen. No. 1 Well.

N Bluewater – Geomorphic Evaluation, Moose River Basin.

O Bluewater – G.S.C. Magnetic Data, James Bay.

P Bluewater – Geology, James Bay.

Q Mariner – Geology and Petroleum Possibilities, Moose River Basin.

R Aquitaine – Palynoplanktogical Study, Sandbank Lake No. 1 Well.

S Consumers' – Aeromagnetic Interpretation, James Bay.

T Consumers' – Interpretation of G.S.C. Aeromagnetic Survey – Soweska River, James Bay.

U Aquitaine – 1. High Sensitivity Aeromagnetic Survey, James Bay. 2. Refraction and Gravity, James Bay.

V Acquitaine – Refraction and Gravity Survey, Hambly Lake Well No. 1.

W Consumers' – Aeromagnetic Survey, Martison Lake.

(Not microfilmed) Report on Airborne Magnetometre surveys for Aquitaine – James Bay Lowlands

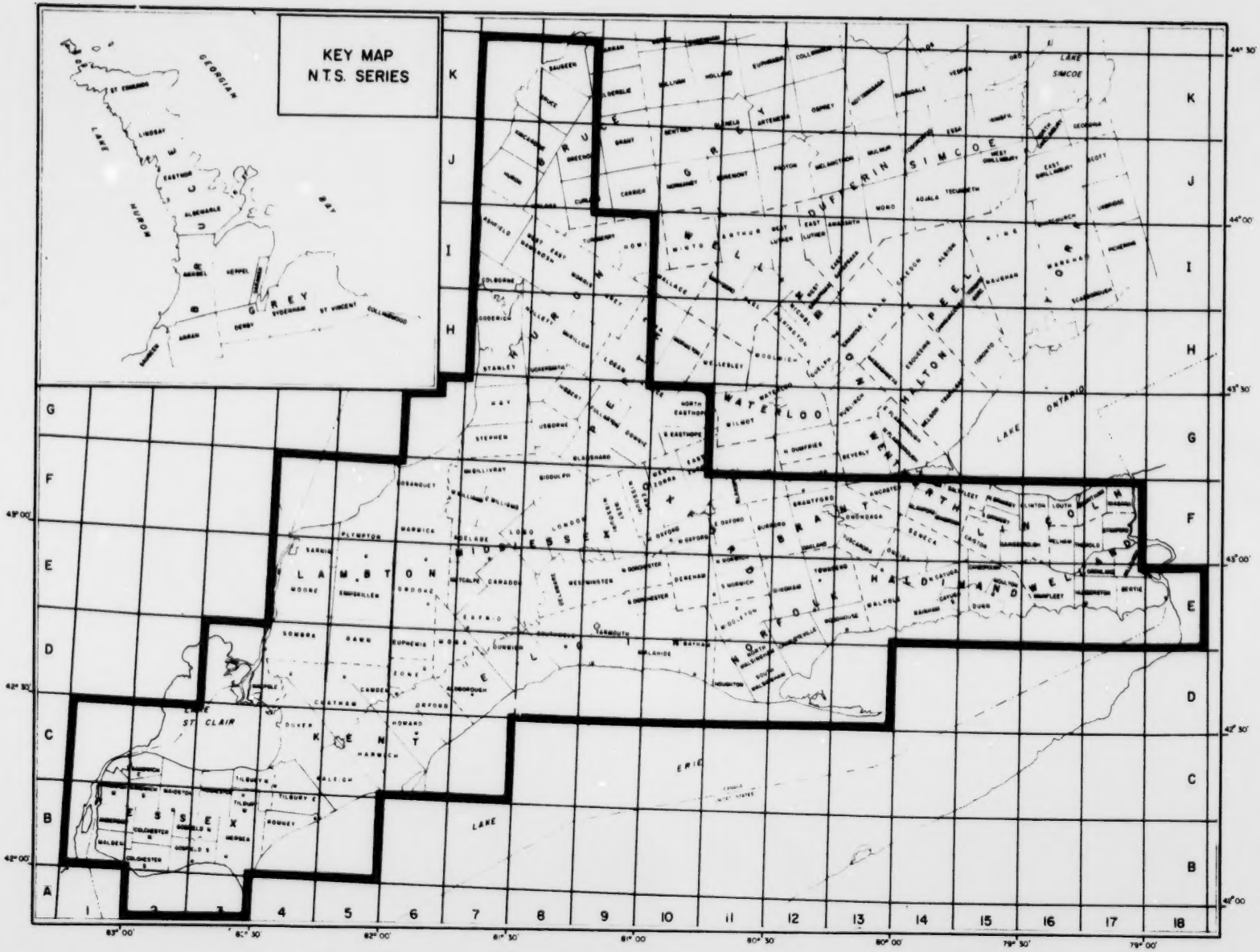


FIGURE 9. KEY MAP FOR NTS SERIES. (ONSHORE—SOUTHWESTERN ONTARIO).

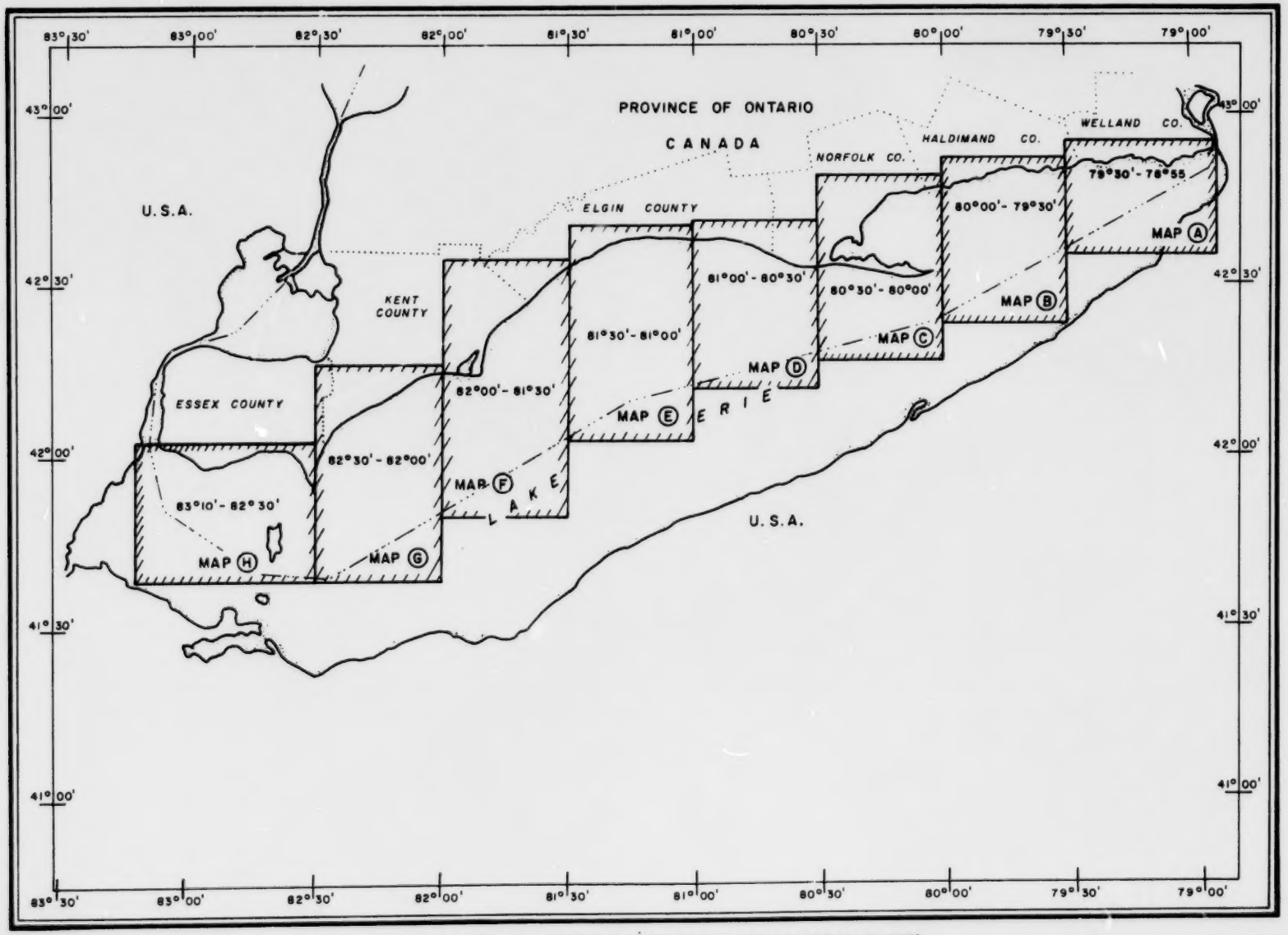


FIGURE 10. KEY MAP FOR LAKE ERIE BASE MAPS (1:50,000).

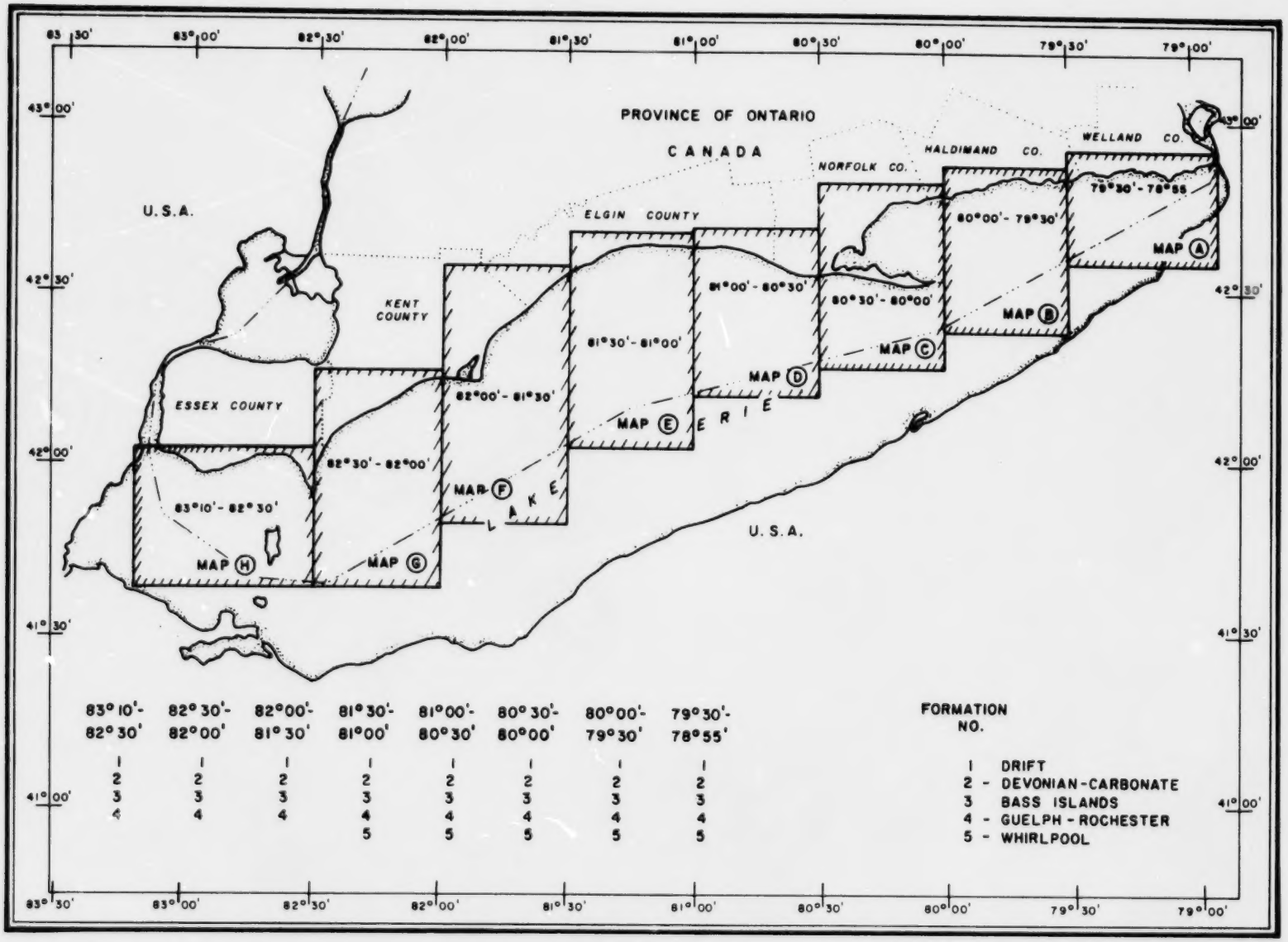


FIGURE 11. KEY MAP FOR LAKE ERIE ISOPACH MAPS (1:50,000).

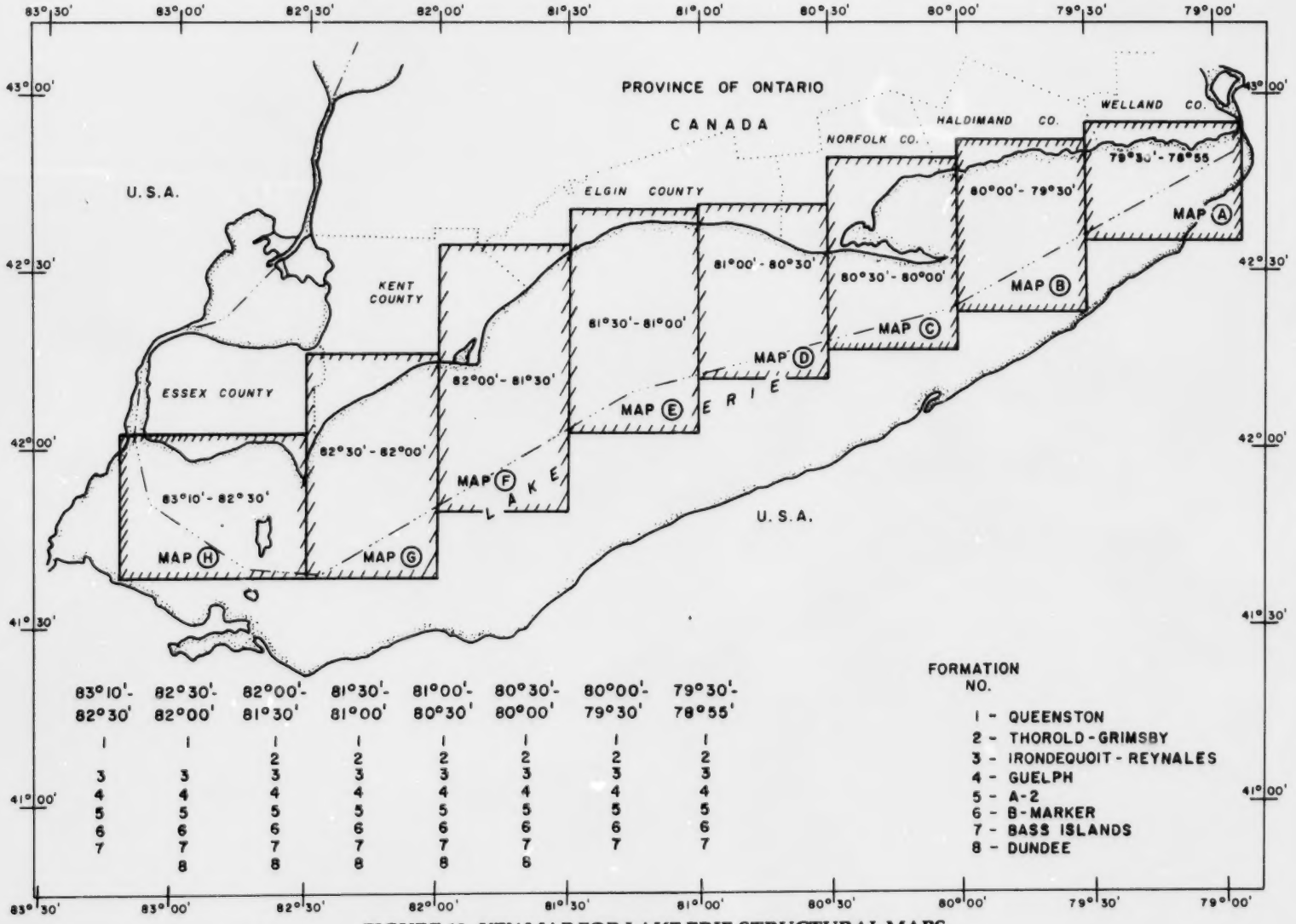


FIGURE 12. KEY MAP FOR LAKE ERIE STRUCTURAL MAPS.

Appendix II. Composite Stratigraphic Column

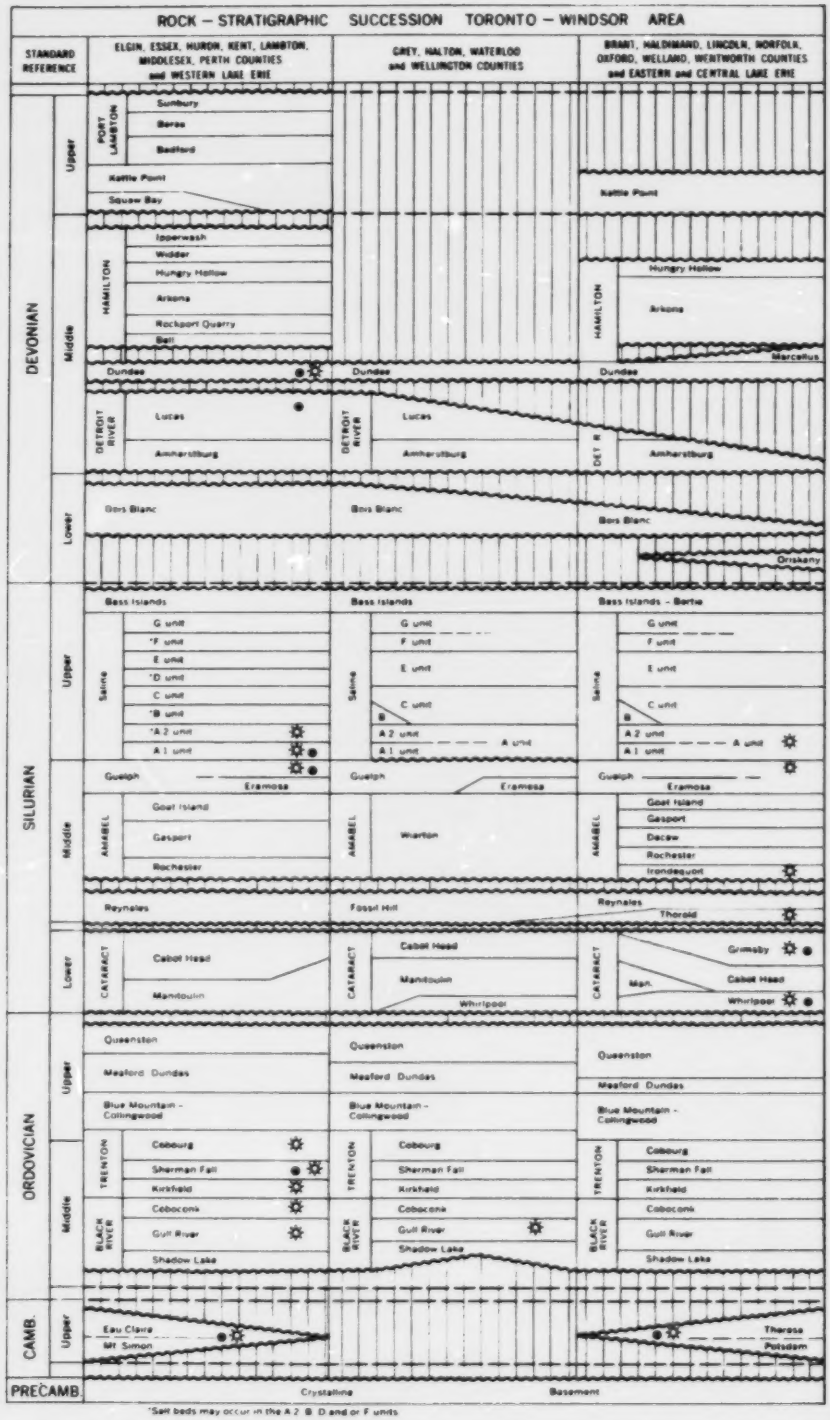


FIGURE 13. COMPOSITE STRATIGRAPHIC COLUMN.

The column shows the various geologic units in accordance with the standards established by the Ontario Stratigraphic Committee. This terminology is somewhat modified from that used in previous years and appears on G.S.C. Map 1263A.

Appendix III. Explanation of Data Items and Abbreviations

WELL NAME: The official name of the well as issued on the Permit to Bore, Drill or Deepen a Well (Form 106).

PERMIT NO.: This number is assigned to the well location upon approval of the Application for a Permit to Bore, Drill or Deepen a Well. Where the original location is abandoned as a result of drilling or completion difficulties, and the rig is moved or "skidded" to a new location within the same drilling tract, the original Permit No. using the alphabetical suffix "A" will apply to the second well.

CLASSIFICATION: Each well is classified at the time the Application for a Permit to Bore, Drill or Deepen a Well is approved. This classification is based on the Lahee System introduced in 1939 by the American Association of Petroleum Geologists for world-wide usage. The definitions are based upon the degree of risks assumed by the operator who drills the tests.

WELL CATEGORIES OF THE LAHEE SYSTEM.

1. Exploratory Category

EXPLO-EXTEN. An *Outpost of Extension Test* is located and drilled with the expectation of extending for a considerable distance the productive area of a partly developed pool. It is usually two or more locations distant from the nearest productive area. If it is successful in its original object, it will add materially to the productive area of the pool.

EXPLO-SHALL. A *Shallower-Pool Test* is exploratory only if drilled in search of some new productive reservoir, unknown but possibly suspected from data secured from other wells. The test must be located within the productive area of a pool or pools previously suspected to contain hydrocarbons.

EXPLO-DEEPE. A *Deeper-Pool Test* is an exploratory hole located within the productive area of pool or pools already partly or wholly developed. It is drilled below the deepest such pool penetrated by it to explore to deeper unknown prospects. Such a hole may extend to a deeper pool which had been partially developed in another part of the field.

EXPLO-NPW. A *New-Pool Wildcat* is a well: (1) located at a relatively considerable distance outside the limits of producing or producible pools as these limits are known at the time of drilling, and (2) drilled on a structure or in a geologic environment where other pools have been found but where the complexities in the underground geological conditions are so great that searching for a new pool is hazardous. The objective of a New-Pool Wildcat is the discovery of a new pool in a field already discovered.

EXPLO-NFW. A *New-Field Wildcat* is a well: (1) located at a relatively considerable distance outside the limits of producing or producible pools as these limits are known at the time of drilling, and (2) drilled on a geologic structure or a geologic environment where hydrocarbons have as yet not been discovered. The objective of a New-Field Wildcat is the discovery of a new field.

2. Development Category

DEVEL. A *Development Well* is a well drilled with the object of further exploiting a hydrocarbon accumulation of a pool within the area which has already been essentially proved for production in this pool. Such a well may be inside the pool as already outlined by producing or producible wells, or it may be a relatively short distance outside these limits.

3. Other

A well that is not classified as exploratory or development but drilled for purposes as defined by Section 15, Ontario Regulation 45/72.

Summary of Abbreviations

ARBREVIATION CODE	CATEGORY
EXPLO	Exploratory
NFW	New Field Wildcat
NPW	New Pool Wildcat
DEEPE	Deeper Pool Test
SHALL	Shallow Pool Test
EXTEN	Extension
DEVEL	Development
OTHER	Other
INJEC	Injection
STRAT	Stratigraphic Test
STORA	Storage
BRINE	Brine
DISPO	Disposal
SOURC	Source
OBSER	Observation
UNCLA	Unclassified
LOST	Lost Hole

GEOGRAPHIC DESCRIPTION: Wells are listed alphabetically by County and Township and numerically by Lot and Concession. Since the well summary cards are generated directly from computer storage, codes are necessary for alphabetic lots and lengthy concession names.

CODE NAMES FOR LOTS:

498	Pt. Albino
499	Naval Reserve
500	Indian Reserve
501	A
502	B
503	C
504	D
505	E
506	F
507	G
508	J
509	Y
510	Z
511	Gore

ABBREVIATIONS FOR CONCESSIONS

AUS	Ausable
BF	Broken Front
FLH	Front Lake Huron
LRE	Lake Road East
LRW	Lake Road West
NB	North Boundary
NLR	North Lake Road
NTR	North Talbot Road
NUR	North Union Road
R	Range
SB	South Boundary
SLR	South Lake Road
STR	South Talbot Road
SUR	South Union Road

CO-ORDINATES: Surveyed co-ordinates for all land wells are given in feet from lot lines, unless otherwise stated. Surveyed co-ordinates for Lake wells are recorded by latitude and longitude, in degrees, minutes and seconds. Latitude and longitude values for all land wells have also been determined and appear in this report.

ELEVATION: Ground elevation in feet above sea level plus number of feet to rig floor or kelly bushing.

SPUDDED: Date of spudding; the date that the actual drilling commenced.

COMPLETED: Date of completion; the date that drilling was completed and total depth was reached.

NATURAL FLOW: Initial oil and gas production rates prior to well treatment or stimulation.

RIG TYPES: Abbreviations for rig types are as follows:

CAB	Cable Tool Rig
ROT	Rotary Rig
OCP	Offshore Cable Platform
ORJ	Offshore Rotary Jackup
ORF	Offshore Rotary Floater
ORS	Offshore Rotary Semi Submersible
UNK	Unknown

FINAL RESULTS: Oil and gas production rates after treatment or stimulation where applicable.

FINAL STATUS: The status of the well after completion.

SAMPLES: Drill cutting samples are retained for all wells and are available for examination at:

Sample Repository,
Petroleum Resources Section,
Ontario Ministry of Natural Resources,
458 Central Avenue,
London, Ontario, Canada
N6B 2E5

CORES: The intervals cored are given and unless otherwise stated, the cores are stored at the Repository.

ABBREVIATION CODE	CORE TYPE
CC2	Conventional (greater than 2")
SC2	Slimhole (less than 2")
CCF	Full Width Slab
CC1	One Inch Wedge
SCS	Slimhole Slabbed
CCO	Core Chips Only
RSO	Representative Sections Only

TREATMENT: If a well has been stimulated to increase production a treatment code is included to indicate the type of stimulation program. A summary of the abbreviation codes used to describe the treatment type is listed below:

ABBREVIATION CODE	TREATMENT
ACID	Acidized
CONF	Fracture – conventional
LARF	Fracture – large volume
FOAM	Fracture – foam
SHOT	Explosives – shot
DYNM	Explosives – dynamite
NTGY	Explosives – nitroglycerine

LOGGING RECORD: The type of logs taken at the well and the logging company are recorded using the following abbreviation codes:

ABBREVIATION CODE	LOG TYPE
ACSL	Acoustic
CALP	Caliper
CBND	Cement Bond
CLOL	Chloride
CMPL	Completion
CONL	Contact
CDM	Continuous dip metre
DENL	Density, Compensated
DIPM	Dipmetre
DIRS	Directional Survey
ES	Electric-Survey
EPTL	Experimental
FOCL	Focus
FRXL	Forxo
GGDL	Gamma-Gamma Density
GRL	Gamma Ray
GRNL	Gamma Ray – Neutron
GRSL	Gamma Ray – Sonic
GRDL	Guard
HCDL	Hydrocarbon
ISOL	Completion Record
IES	Induction Electric Survey
LATL	Dual Induction Laterolog
LSL	Limestone
MICL	Microlog
MLAT	Microlaterolog
MSGM	Microseismogram
MICS	Microsurvey
MINL	Minilog
MINF	Minifocus
NEUT	Neutron
MAGL	Nuclear Magnetism
PRMS	Permeability, Spinner
PRXL	Proximity
SONL	Sonic Borehole, Compensated
SRSL	Seismic Reference
SYRG	Synergic Log System
TMPL	Temperature
RTRS	Radioactive Tracer
TDL	Temperature Differential
VELS	Velocity, Accoustic
WLS	Water Location Survey

DEEPENING: For those wells deepened in 1980 the complete well record is included.

GEOLOGY: The geological markers are supplied by Ministry Geologists. For each well the method used to determine these markers (samples, R/A log, etc.) is recorded. Unpublished operator geological markers are available from the Ministry on request.

The nomenclature used in this report is based on published descriptions of the various geological units and in accordance with the standards established by the Ontario Stratigraphic Committee.

REFERENCES:

R. J. Beards	Guide to the Subsurface Palaeozoic Stratigraphy of Southern Ontario, O.D.E.R.M. Paper 67-2.
B. V. Sanford	Sources and Occurrence of Oil and Gas in the Sedimentary Basin of Ontario. Map 1263A.
C. G. Winder	Lexicon of Palaeozoic Names in Southwestern Ontario.

Appendix IV. Summary of Wells Drilled in 1980

Alphabetical Index of Well Summary Cards

WELL NAME	PAGE
Anschutz #1 Lake Erie 19-Y	85
Anschutz #1 Lake Erie 40-O	86
Anschutz #1 Lake Erie 42-C	89
Anschutz #1 Lake Erie 42-E	90
Anschutz #1 Lake Erie 66-M	99
Anschutz #1 Lake Erie 67-A	102
Anschutz #1 Lake Erie 67-C	102
Anschutz #1 Lake Erie 178-J	69
Anschutz #2 Lake Erie 19-I	84
Anschutz #2 Lake Erie 19-Q	85
Anschutz #2 Lake Erie 41-F	87
Anschutz #2 Lake Erie 41-X	88
Anschutz #2 Lake Erie 42-L	91
Anschutz #2 Lake Erie 66-Q	99
Anschutz #2 Lake Erie 67-N	103
Anschutz #2 Lake Erie 179-J	70
Anschutz #2A Lake Erie 41-F	87
Anschutz #2A Lake Erie 42-L	91
Anschutz #3 Lake Erie 19-G	83
Anschutz #3 Lake Erie 41-Y	89
Anschutz #3 Lake Erie 42-T	92
Anschutz #3 Lake Erie 66-T	100
Anschutz #3 Lake Erie 67-P	104
Anschutz #3 Lake Erie 68-H	106
Anschutz #3 Lake Erie 92-W	158
Anschutz #3 Lake Erie 127-A	162
Anschutz #3A Lake Erie 66-T	100
Anschutz #4 Lake Erie 19-O	84
Anschutz #4 Lake Erie 41-G	88
Anschutz #4 Lake Erie 42-K	90
Anschutz #4 Lake Erie 42-Q	92
Anschutz #4 Lake Erie 42-X	93
Anschutz #4 Lake Erie 43-X	94
Anschutz #4 Lake Erie 66-L	98
Anschutz #4 Lake Erie 66-V	101
Anschutz #4 Lake Erie 67-O	103
Anschutz #4A Lake Erie 67-O	104
Anschutz #4 Lake Erie 67-X	105
Anschutz #4 Lake Erie 68-F	105
Anschutz #4 Lake Erie 88-G	153
Anschutz #4 Lake Erie 89-J	106
Anschutz #4 Lake Erie 89-M	153
Anschutz #4 Lake Erie 89-Y	154
Anschutz #4 Lake Erie 90-V	154
Anschutz #4 Lake Erie 90-X	155
Anschutz #4 Lake Erie 91-N	155
Anschutz #4 Lake Erie 91-U	156
Anschutz #4 Lake Erie 91-W	156
Anschutz #4 Lake Erie 92-R	157
Anschutz #4 Lake Erie 92-T	157
Anschutz #4 Lake Erie 127-C	163
Anschutz #4 Lake Erie 127-M	163
Anschutz #4 Lake Erie 128-F	164
Anschutz #4 Lake Erie 128-H	164
Anschutz #4 Lake Erie 128-Q	165
Anschutz #4 Lake Erie 129-I	165
Anschutz #4 Lake Erie 129-R	166
Anschutz #4 Lake Erie 130-C	166
Anschutz #4 Lake Erie 130-F	167
Anschutz #4 Lake Erie 130-K	167
Anschutz #4 Lake Erie 130-M	168
Anschutz #4 Lake Erie 218-D	76
Anschutz #4 Lake Erie 244-B	77
Anschutz #4A Lake Erie 66-V	101
Bear Creek #18 Enniskillen 4-11-XII	123
Bear Creek #8 Enniskillen 1-11-XII	123
Blue True et al Sarnia 5-3-II	139
Blue True Milt Plympton 6-20-VI	136
Bluew True Fitz Plympton 3-20-VI	137
Bluewater Shawn Sarnia 2-7-VIII	140
Bluewater True Brooke 5-8-VI	118
Bluewater True Plympton 2-20-VI	137
Bluewater True Plympton 3-20-VI	138
Bluewater True Sarnia 4-14-V	142
Bluewater True Sarnia 7-12-V	141
Bluewater True Plympton 8-19-VI	136
Bowman Dev #10 Pelham 8-15-XIV	177
Bowman Dev 9 Wainfleet 8-2-V	178
Bowman Dev 9A Wainfleet 8-2-V	178
Bowman Dev. 12 Pelham 5-10-XIV	176
Bowman Dev. 11 Pelham 3-17-XIV	177
Camel Talcorp Enniskillen 4-24-III	124
Camel Talcorp Enniskillen 4-31-III	125
Camel Talcorp Enniskillen 6-10-VI	122
Camel Talcorp A Enniskillen 4-22-II	124
Consumers 13649 Lake Erie 95-M	158
Consumers 13650 Lake Erie 126-M	162
Consumers 13652 Lake Erie 125-Y	161
Consumers 13653 Lake Erie 151-G	169
Consumers 13654 Lake Erie 152-L	170
Consumers 13655 Lake Erie 152-E	169
Consumers 13657 Lake Erie 124-A	159
Consumers 13658 Lake Erie 124-C	160
Consumers 13659 Lake Erie 124-M	161
Consumers 13664 Lake Erie 153-R	170
Consumers 13665 Lake Erie 153-P	171
Consumers 13673 Lake Erie 97-X	64
Consumers 13674 Lake Erie 121-J	66
Consumers 13677 Lake Erie 187-J	172
Consumers 13678 Lake Erie 186-J	75
Consumers 13681 Lake Erie 156-G	67
Consumers 13686 Lake Erie 186-O	75
Consumers 13687 Lake Erie 185-L	74
Consumers 13688 Lake Erie 185-Q	74
Consumers 13691 Lake Erie 158-V	68
Consumers 13695 Lake Erie 120-I	65
Consumers 13696 Lake Erie 120-G	65
Consumers 13698 Lake Erie 158-P	68
Consumers 13699 Lake Erie 183-G	72
Consumers 13700 Lake Erie 183-K	73
Consumers 13701 Lake Erie 183-V	73
Consumers 13702 Lake Erie 217-D	76
Consumers 13706 Lake Erie 97-E	63
Consumers 13707 Lake Erie 56-P	62
Consumers 13712 Lake Erie 118-T	64
Consumers 13715 Lake Erie 160-H	69
Consumers 13716 Lake Erie 182-O	72
Consumers 13717 Lake Erie 220-R	111
Consumers 13718 Lake Erie 221-R	111
Consumers 13721 Lake Erie 224-O	112
Consumers 13722 Lake Erie 226-W	112
Consumers 13725 Lake Erie 95-Y	159
Consumers 13727 Lake Erie 155-J	171

Consumers 13728 Lake Erie 120-U 66
Consumers 13729 Lake Erie 157-X 67
Consumers 13730 Lake Erie 284-U 113
Consumers 13731 Lake Erie 314-R 115
Consumers 13732 Lake Erie 314-Q 114
Consumers 13733 Lake Erie 181-C 70
Consumers 13734 Lake Erie 181-U 71
Consumers 13735 Lake Erie 181-Y 71
Consumers 13736 Lake Erie 151-D 168
Consumers 13737 Lake Erie 56-S 62
Consumers 13738 Lake Erie 124-H 160
Consumers 13739 Lake Erie 57-P 63
Consumers 31893 Lake Erie 25-W 176
Consumers 31895 Lake Erie 37-T 86
Consumers 32912Houghton 3-6-VI 148
Consumers 32913 Houghton 6-10-VI 150
Consumers 32919 South Walsingham 6-6-II 173
Consumers 32920 Houghton 6-9-III 150
Consumers 32921 Houghton 3-9-ENR 149
Consumers 32923 Bayham 1-25-III 60
Consumers 32924 Bayham 5-28-IV 60
Consumers 32925 Houghton 7-17-II 151
Consumers 32926 Houghton 4-18-ENR 151
Consumers 32927 Houghton 3-18-WNR 152
Consumers 32928 South Walsingham 2-5-II 172
Consumers 32929 Houghton 3-8-II 149
Consumers 33110 Brooke 1-22-XIII 119
Consumers 33111 Mosa 2-6-I 142
Consumers 33119 Malahide 4-21-I 77
Consumers 33160 Dunwich 3-7-ABF 61
Consumers 33202 Malahide 5-25-I 78
Consumers 33203 Aldborough 2-13-V 58
Consumers 33206 Yarmouth 6-16-II 78
Cwp Tilbury Lake Erie 287-E 114
Cwp 3 Tilbury Lake Erie 236-N 113
D McKibbon #1 Glanford 3-14-VII 181
David S Dick #1 Wainfleet 5-28-VII 179
Dome Amoco R06A Sarnia 8-B 141
Dome Storage B7 Sandwich West 59-I 81
Dome Storage E5 Sandwich West 59-I 80
Domtar Test #3 Goderich 109
Dow #61 Moore 24-XI 131
Dow #62 Moore 24-XI 131
Dow #63 Moore 24-XI 132
Dow #64 Moore 24-XI 132
Dow Moore 2-20-XII 129
Dow Moore 5-6-III 126
Dow Moore 5-23-XII 130
Dow Moore 6-18-III 128
Dow Moore 6-19-IV 128
Dow Plympton 1-17-I 135
Dow Sarnia 1-8-A 140
Dow et al Moore 7-6-III 126
Dow HC #49A Moore 24-XII 133
Dow HC #51A Moore 23-XII 130
Dow Union Dawn 3-26-XII 122
Dow □A□ et al Moore 7-6-III 125
Drumbo #1 Blenheim 8-11-VI 173
Esser #1 Aldborough 6-II 58
Fitzgerald Stanley 3-30-I 110
Forbes #18 Dawn 8-25-VII 121
Francisco Blue Moore 8-13-XII 127
G.E.L. #8 Gosfield North 6-14-IX 79
Kenartha Arthur 4-24-VII 180
Kuni Binbrook 5-28-VIII 180
L.I.L. #1 Walpole 5-3-XI 107
L.I.L. #2 Walpole 7-1-XI 108
Martin #1 Seneca 1-3-I 107
Metalore #60 Charlotteville 4-9-VI 148
Metalore #61 Charlotteville 6-5-III 147
Michigan Union Dawn 3-26-VI 121
Onshore-Pete Dunwich 8-501-Gore 61
Pinetree #2 Dover 1-10-IV 110
Place Mitch #43 Lake Erie 43-D 93
Place Mitchel Lake Erie 45-E 96
Place Mitchell Lake Erie 45-P 97
Place Mitchell Lake Erie 46-K 152
Place Selkirk Lake Erie 17-T 83
Place-Mitc #44 Lake Erie 44-C 94
Place-Mitch #15 Lake Erie 15-V 81
Place-Mitch #16 Lake Erie 16-P 82
Place-Mitch #16 Lake Erie 16-S 82
Place-Mitch #45 Lake Erie 45-Y 97
Place-Mitch 44 Lake Erie 44-D 95
Place-Mitchell Lake Erie 44-E 95
Place-Mitchell Lake Erie 45-E 96
Place-Mitchell Lake Erie 46-I 98
Portree Shelter Blenheim 8-20-IV 174
Putman-Canad #3 Gosfield South 4-FCWD 79
Realoil #10 Aldborough 4-501-VIII 59
Realoil #9 Malden 7-63-VI 80
Realoil No. 11 Aldborough 3-503-VIII 59
Ron Smith #3 A Brooke 7-1-XIV 118
Rowe #3 Zone 5-6-IV 117
Rowe No. 1 Zone 6-5-IV 115
Rowe No. 2 Zone 3-5-IV 116
Rowe No. 4 Zone 6-5-IV 116
R.D. Company #1 Moore 2-27-II 133
Shawest Zone 2-6-VI 117
Shel Colborne 1-8-I 108
Shell Goderich 1-9-HRS 109
Shell Plympton 2-14-VII 134
Shell Plympton 2-14-X 135
Shell Plympton 5-11-VIII 134
Shell Sarnia 7-6-II 139
Shell Chippewa Sarnia 1-1-R2 138
Shell Ram Brooke 7-14-XII 119
Tecum Kim #48 Moore 5-19-VI 129
Tec-Kim-Col #49 Moore 17-VIII 127
Twoseater #1 Wainfleet 8-27-VII 179
Unex #1 Dereham 5-8-III 174
Unex #10 Gainsborough 1-10-II 145
Unex #11 Gainsborough 4-3-I 143
Unex #12 Gainsborough 2-12-I 146
Unex #2 North Norwich 8-18-II 175
Unex #3 North Dorchester 2-5-III 143
Unex #4 Dereham 3-16-IV 175
Unex #5 Gainsborough 2-7-III 145
Unex #6 Gainsborough 8-5-III 144
Unex #7 Gainsborough 1-19-III 147
Unex #8 Gainsborough 7-14-III 146
Unex #9 Gainsborough 8-4-IV 144
Walker #1 Glanford 3-15-VIII 181
Whitty #2 Dawn 3-22-III 120
Whitty Dawn #1 Dawn 5-24-IV 120

Permit Number Index of Well Summary Cards

PERMIT	WELL NAME	PAGE
4896	Consumers 32913 Houghton 6-10-VI	150
4902	Consumers 32912 Houghton 3-6-VI	148
5049	Onshore-Pete Dunwich 8-501-Gore	61
5113	Realoil #10 Aldborough 4-501-VIII	59
5173	Ron Smith #3 A Brooke 7-1-XIV	118
5177	Kenartha Arthur 4-24-VII	180
5178	Drumbo #1 Blenheim 8-11-VI	173
5179	Bowman Dev.11 Pelham 3-17-XIV	177
5180	Bowman Dev #10 Pelham 8-15-XIV	177
5182	Fitzgerald Stanley 3-30-I	110
5184	Kuni Binbrook 5-28-VIII	180
5185	Bluewater True Plympton 2-20-VI	137
5186	Shell Sarnia 7-6-II	139
5187	Dow Union Dawn 3-26-XII	122
5188	Bluewater True Sarnia 7-12-V	141
5189	Shell Plympton 2-14-X	135
5190	Pinetree #2 Dover 1-10-IV	110
5191	Dow Moore 5-6-III	126
5191	Dome Storage E5 Sandwich West 59-I	80
5192	Consumers 32919 South Walsingham 6-6-II	173
5193	Consumers 32920 Houghton 6-9-III	150
5194	Consumers 32921 Houghton 3-9-ENR	149
5195	Consumers 32925 Houghton 7-17-II	151
5196	Whitty Dawn #1 Dawn 5-24-IV	120
5198	Consumers 32923 Bayham 1-25-III	60
5199	Consumers 32924 Bayham 5-28-IV	60
5200	Consumers 32926 Houghton 4-18-ENR	151
5201	Consumers 32927 Houghton 3-18-WNR	152
5202	Bluewater Shawn Sarnia 2-7-VIII	140
5203	Shell Plympton 2-14-VII	134
5204	Shawest Zone 2-6-VI	117
5205	Michigan Union Dawn 3-26-VI	121
5206	G.E.L. #8 Gosfield North 6-14-IX	79
5207	R.D. Company #1 Moore 2-27-II	133
5208	Consumers 32928 South Walsingham 2-5-II	172
5209	Consumers 32929 Houghton 3-8-II	149
5210	Dow #61 Moore 24-XI	131
5211	Dow #62 Moore 24-XI	131
5212	David S Dick #1 Wainfleet 5-28-VII	179
5213	Dow #63 Moore 24-XI	132
5214	Dow #64 Moore 24-XI	132
5219	Bowman Dev 9A Wainfleet 8-2-V	178
5219	Bowman Dev 9 Wainfleet 8-2-V	178
5221	Tecum Kim #48 Moore 5-19-VI	129
5222	Tec-Kim-Col #49 Moore 17-VIII	127
5225	Place Mitchell Lake Erie 46-K	152
5226	Place-Mitch #45 Lake Erie 45-Y	97
5227	Place Mitchell Lake Erie 45-P	97
5229	Place-Mitchell Lake Erie 45-E	96
5229	Place Mitchel Lake Erie 45-E	96
5231	Consumers 13686 Lake Erie 186-O	75
5232	Consumers 13687 Lake Erie 185-L	74
5233	Consumers 13688 Lake Erie 185-Q	74
5234	Consumers 13699 Lake Erie 183-G	72
5235	Consumers 13700 Lake Erie 183-K	73
5236	Consumers 13701 Lake Erie 183-V	73
5237	Consumers 13702 Lake Erie 217-D	76
5238	Dow Moore 6-19-IV	128
5239	Consumers 13649 Lake Erie 95-M	158
5240	Consumers 13650 Lake Erie 126-M	162
5242	Consumers 13652 Lake Erie 125-Y	161
5243	Consumers 13653 Lake Erie 151-G	169
5244	Consumers 13654 Lake Erie 152-L	170
5245	Consumers 13655 Lake Erie 152-E	169
5247	Consumers 13657 Lake Erie 124-A	159
5248	Consumers 13658 Lake Erie 124-C	160
5249	Consumers 13659 Lake Erie 124-M	161
5254	Consumers 13664 Lake Erie 153-R	170
5255	Consumers 13665 Lake Erie 153-P	171
5263	Consumers 13673 Lake Erie 97-X	64
5264	Consumers 13674 Lake Erie 121-J	66
5267	Consumers 13677 Lake Erie 187-J	172
5268	Consumers 13678 Lake Erie 186-J	75
5271	Consumers 13681 Lake Erie 156-G	67
5277	Anschutz #1 Lake Erie 19-Y	85
5281	Anschutz #2 Lake Erie 66-Q	99
5282	Anschutz #1 Lake Erie 67-A	102
5283	Anschutz #1 Lake Erie 67-C	102
5284	Anschutz #4 Lake Erie 67-O	103
5284	Anschutz #4A Lake Erie 67-O	104
5290	Anschutz #2A Lake Erie 42-L	91
5290	Anschutz #2 Lake Erie 42-L	91
5291	Anschutz #3 Lake Erie 67-P	104
5292	Anschutz #3 Lake Erie 19-G	83
5296	Anschutz #2 Lake Erie 41-F	87
5296	Anschutz #2A Lake Erie 41-F	87
5297	Anschutz #3 Lake Erie 42-T	92
5298	Anschutz #4 Lake Erie 43-X	94
5299	Anschutz #3A Lake Erie 66-T	100
5299	Anschutz #3 Lake Erie 66-T	100
5300	Anschutz #3 Lake Erie 68-H	106
5301	Anschutz #1 Lake Erie 40-O	86
5302	Anschutz #4 Lake Erie 41-G	88
5303	Anschutz #1 Lake Erie 42-E	90
5304	Anschutz #4 Lake Erie 42-Q	92
5305	Anschutz #4 Lake Erie 42-X	93
5306	Anschutz #4 Lake Erie 66-L	98
5310	Anschutz #4 Lake Erie 67-X	105
5311	Consumers 33110 Brooke 1-22-XIII	119
5312	L.I.L. #1 Walpole 5-3-XI	107
5313	Esser #1 Aldborough 6-II	58
5314	L.I.L. #2 Walpole 7-1-XI	108
5315	Consumers 13698 Lake Erie 158-P	68
5318	Consumers 13695 Lake Erie 120-I	65
5320	Consumers 13696 Lake Erie 120-G	65
5324	Consumers 13691 Lake Erie 158-V	68
5326	Shell Goderich 1-9-HRS	109
5327	Consumers 13716 Lake Erie 182-O	72
5328	Consumers 13717 Lake Erie 220-R	111
5329	Consumers 13718 Lake Erie 221-R	111
5331	Consumers 13725 Lake Erie 95-Y	159
5333	Consumers 13727 Lake Erie 155-J	171
5334	Consumers 13728 Lake Erie 120-U	66
5336	Consumers 13706 Lake Erie 97-E	63
5337	Consumers 13707 Lake Erie 56-P	62
5342	Consumers 13712 Lake Erie 118-T	64
5345	Consumers 13715 Lake Erie 160-H	69
5346	Dow Moore 2-20-XII	129
5347	Consumers 13729 Lake Erie 157-X	67
5348	Consumers 31893 Lake Erie 25-W	176
5350	Bluewater True Plympton 8-19-VI	136
5351	Consumers 31895 Lake Erie 37-T	86
5353	Consumers 13730 Lake Erie 284-U	113
5355	Dow HC 5* A Moore 23-XII	130
5356	Blue True et al Sarnia 5-3-II	139
5357	Camel Talcorp Enniskillen 6-10-VI	122
5358	Anschutz #4 Lake Erie 91-W	156

PERMIT	WELL NAME	PAGE
5359	Anschutz #4 Lake Erie 90-X	155
5360	Anschutz #4A Lake Erie 66-V	101
5360	Anschutz #4 Lake Erie 66-V	101
5361	Anschutz #4 Lake Erie 88-G	153
5364	Anschutz #4 Lake Erie 89-Y	154
5365	Rowe No. 1 Zone 6-5-IV	115
5366	Place-Mitch #16 Lake Erie 16-S	82
5367	Place-Mitch #15 Lake Erie 15-V	81
5368	Place-Mitch 44 Lake Erie 44-D	95
5369	Place Mitch #43 Lake Erie 43-D	93
5370	Place-Mitchell Lake Erie 44-E	95
5371	Place-Mitchell Lake Erie 46-I	98
5372	Anschutz #4 Lake Erie 90-V	154
5374	Anschutz #4 Lake Erie 91-U	156
5376	Portree Shelter Blenheim 8-20-IV	174
5377	Consumers 33111 Mosa 2-6-I	142
5378	Shell Chippewa Sarnia 1-1-R2	138
5379	Realoil No. 11 Aldborough 3-503-VIII	59
5381	Consumers 33119 Malahide 4-21-I	77
5382	D McKibbon #1 Glanford 3-14-VII	181
5384	Shell Ram Brooke 7-14-XII	119
5385	Dow Plympton 1-17-I	135
5386	Realoil #9 Malden 7-63-VI	80
5387	Unex #1 Dereham 5-8-III	174
5389	Place Selkirk Lake Erie 17-T	83
5390	Row No. 2 Zone 3-5-IV	116
5391	Anschutz #4 Lake Erie 19-O	84
5392	Anschutz #1 Lake Erie 42-C	89
5393	Bluewater True Fitz Plympton 3-20-VI	137
5394	Forbes #18 Dawn 8-25-VII	121
5396	Anschutz #4 Lake Erie 91-N	155
5397	Domtar Test #3 Goderich	109
5398	Camel Talcorp A Enniskillen 4-22-II	124
5399	Dow Moore 5-23-XII	130
5400	Consumers 13721 Lake Erie 224-O	112
5401	Consumers 13722 Lake Erie 226-W	112
5404	Shel Colborne 1-8-I	108
5405	Consumers 13731 Lake Erie 314-R	115
5406	Rowe #3 Zone 5-6-IV	117
5408	Anschutz #1 Lake Erie 66-M	99
5409	Place-Mitch #16 Lake Erie 16-P	82
5410	Place-Mitc #44 Lake Erie 44-C	94
5411	Anschutz #2 Lake Erie 67-N	103
5412	Anschutz #4 Lake Erie 42-K	90
5413	Dow Moore 6-18-III	128
5414	Unex #2 North Norwich 8-18-II	175
5415	Anschutz #2 Lake Erie 41-X	88
5416	Consumers 13732 Lake Erie 314-Q	114
5417	Anschutz #4 Lake Erie 89-M	153
5418	Whitty #2 Dawn 3-22-III	120
5419	Martin #1 Seneca 1-3-I	107
5420	Bluewater True Sarnia 4-14-V	142
5421	Anschutz #4 Lake Erie 89-J	106
5422	Consumers 33160 Dunwich 3-7-ABF	61
5423	Rowe No. 4 Zone 6-5-IV	116
5424	Unex #3 North Dorchester 2-5-III	143
5425	Anschutz #4 Lake Erie 130-F	167
5426	Anschutz #1 Lake Erie 178-J	69
5427	Anschutz #2 Lake Erie 179-J	70
5428	Anschutz #4 Lake Erie 244-B	77
5429	Anschutz #4 Lake Erie 218-D	76
5431	Consumers 13736 Lake Erie 151-D	168
5432	Anschutz #4 Lake Erie 128-F	164
5433	Anschutz #4 Lake Erie 128-H	164
5434	Anschutz #4 Lake Erie 129-I	165
5436	Consumers 13733 Lake Erie 181-C	70
5437	Consumers 13734 Lake Erie 181-U	71
5438	Consumers 13735 Lake Erie 181-Y	71
5440	Francisco Blue Moore 8-13-XII	127
5441	Unex #4 Dereham 3-16-IV	175
5442	Bluewater True Plympton 3-20-VI	138
5443	Camel Talcorp Enniskillen 4-24-III	124
5444	Anschutz #4 Lake Erie 129-R	166
5452	Anschutz #4 Lake Erie 130-C	166
5453	Anschutz #4 Lake Erie 130-K	167
5454	Anschutz #4 Lake Erie 130-M	168
5459	Anschutz #4 Lake Erie 92-R	157
5460	Anschutz #4 Lake Erie 92-T	157
5461	Anschutz #3 Lake Erie 127-A	162
5462	Anschutz #4 Lake Erie 127-C	163
5463	Cwp 3 Tilbury Lake Erie 236-N	113
5465	Cwp Tilbury Lake Erie 287-E	114
5466	Unex #5 Gainsborough 2-7-III	145
5467	Unex #6 Gainsborough 8-5-III	144
5468	Dow Sarnia 1-8-A	140
5469	Dow et al Moore 7-6-III	126
5469	Dow □A□ et al Moore 7-6-III	125
5470	Consumers 13737 Lake Erie 56-S	62
5471	Consumers 13738 Lake Erie 124-H	160
5472	Putman-Canad#3 Gosfield South 4-FCWD	79
5473	Anschutz #4 Lake Erie 128-Q	165
5475	Consumers 33203 Aldborough 2-13-V	58
5476	Shell Plympton 5-11-VIII	134
5477	Bowman Dev. 12 Pelham 5 10-XIV	176
5489	Unex #7 Gainsborough 1-13-III	147
5490	Unex #8 Gainsborough 7-14-III	146
5493	Anschutz #4 Lake Erie 127-M	163
5497	Metalore #60 Charlotteville 4-9-VI	148
5500	Anschutz #3 Lake Erie 92-W	158
5501	Consumers 33202 Malahide 5-25-I	78
5502	Anschutz #2 Lake Erie 19-I	84
5503	Anschutz #2 Lake Erie 19-Q	85
5505	Anschutz #3 Lake Erie 41-Y	89
5506	Anschutz #4 Lake Erie 68-F	105
5508	Consumers 13739 Lake Erie 57-P	63
5510	Bear Creek #18 Enniskillen 4-11-XII	123
5513	Dome Amoco R06A Sarnia 8-B	141
5516	Unex #9 Gainsborough 8-4-IV	144
5517	Walker #1 Glanford 3-15-VIII	181
5518	Bear Creek #8 Enniskillen 1-11-XII	123
5519	Blue True Milt Plympton 6-20-VI	136
5520	Camel Talcorp Enniskillen 4-31-III	125
5521	Unex #10 Gainsborough 1-10-II	145
5524	Metalore #61 Charlotteville 6-5-III	147
5526	Dome Storage B7 Sandwich West 59-I	81
5527	Unex #11 Gainsborough 4-3-I	143
5528	Consumers 33206 Yarmouth 6-16-II	78
5529	Unex #12 Gainsborough 2-12-I	146
5531	Bluewater True Brooke 5-8-VI	118
5537	Dow HC #49A Moore 24-XII	133
5883	Twoseatter #1 Wainfleet 8-27-VII	179

WELL SUMMARY CARDS

LISTED ALPHABETICALLY BY COUNTY AND TOWNSHIP

CLASS DEVEL FIELD/POOL STATUS OIL SHOW

COUNTY ELGIN TOWNSHIP ALDBOROUGH LOT 6 CON II

WELL NAME: ESSER #1 ALDBOROUGH 6-II

OPERATOR JOHN ESSER

DRILLING CO HAROLD ASHBURN

GEOLOGY BY PETROLEUM RESOURCE

PERMIT NO.: 5313

TOTAL DEPTH 410.0M PBTD

RIG TYPE CAB ELEV 214.6M + 0.0M

CO-ORDINATES 361.7M N: 332.2M W

LATITUDE 42 36 09 N

LONGITUDE 81 46 26 W SEQ 2

CONFIDENTIAL 1980 05 14

SPUDDED 1980 04 14

COMPLETED 1980 04 14

ABANDONED

SPL TRAY No INDEX No

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT m					
LAKE / GROUND LEVEL				214.6	
DRIFT / LAKE BOTTOM			0.0		
DEVONIAN	PRT LAMBTON				
		KETTLE POINT			
	HAMILTON		96.0		
		MARCELLUS			
		DUNDEE	110.3		
	DETROIT RIVER	LUCAS	161.5		
		AMHERSTBURG	174.3		
		BOIS BLANC	231.6		
		BASS ISLANDS	321.6		
SILURIAN		G UNIT SHALE	388.6		
		F UNIT SHALE	396.2		
		E UNIT CARB	425.5		
		D UNIT SALT			
		C UNIT SHALE	460.2		
		MARKER			
		B UNIT SALT	486.2		
		ANHY	509.0		
		CARB	511.6		
		A-2 UNIT SALT			
		ANHY			
		A-1 UNIT CARB	541.0		
		EVAP			
	GUELPH		557.2		
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	624.2		
		IRONDEQUOIT			
	REYNALES				
	THOROLD				
	CATARACT	GRIMSBY			
		CABOT HEAD	635.8		
		MANITOULIN	675.4		
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON		684.3		
	MEAFORD-DUNDAS		800.1		
	COLLINGWOOD				
	TRENTON	COBOURG	965.0		
		VERULAM	727.3		
		KIRKFIELD	1043.9		
	BLACK RIVER	COBOCONK	1106.1		
		GULL RIVER	1131.4		
		SHADOW LAKE	1230.2		
CAMBRIAN			1231.4		
PRECAMBRIAN			1263.4		
TOTAL DEPTH SAMPLES m			MOC		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
115.8 -	SHOW	

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
340MM	55KG	159.3	CASING SHOE	

LOGGING RECORD

LOGGING CO

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE

CORING RECORD

CONDITION		STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	

REMARKS

NO LOGS
NO SAMPLES

FINAL RESULTS

OIL
GAS
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE YES
FORMATION(S)

DST(S) ON FILE TREATMENT

CLASS NPW FIELD/POOL STATUS GAS AND OIL SHOW -ABD

COUNTY ELGIN TOWNSHIP ALDBOROUGH LOT 13 CON V

WELL NAME: CONSUMERS 33203 ALDBOROUGH 2-13-V

OPERATOR CONSUMERS GAS CO.

DRILLING CO SHAW

GEOLOGY BY PETROLEUM RESOURCE

PERMIT NO.: 5475

TOTAL DEPTH 1152.6M PBTD

RIG TYPE CAB ELEV 212.5M+ 1.5M

CO-ORDINATES 106.7M S: 431.9M W

LATITUDE 43-36-53 N

LONGITUDE 81-42-02 W SEQ 1

CONFIDENTIAL 1981 12 07

SPUDDED 1980 09 27

COMPLETED 1980 12 07

ABANDONED 1980 12 16

SPL TRAY No 7075 INDEX No 1123

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 87.0m					
LAKE / GROUND LEVEL				212.5	
DRIFT / LAKE BOTTOM			1.5		
DEVONIAN	PRT LAMBTON				
		KETTLE POINT	0.		
	HAMILTON		86.6		
		MARCELLUS	0.		
		DUNDEE	116.9		
	DETROIT RIVER	LUCAS	177.8		
		AMHERSTBURG	210.0		
		BOIS BLANC	289.2		
		BASS ISLANDS	314.2		
SILURIAN		G UNIT SHALE	367.5		
		F UNIT SHALE	375.7		
		E UNIT CARB	402.3		
		D UNIT SALT	0.		
		C UNIT SHALE	440.7		
		MARKER	454.0		
		B UNIT SALT	0.		
		ANHY	466.4		
		CARB	471.9		
		A-2 UNIT SALT	0.		
		ANHY	496.0		
		CARB	498.1		
		A-1 UNIT EVAP	0.		
	GUELPH		508.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	537.4		
		GASPORT	577.4		
		ROCHESTER	584.5		
		IRONDEQUOIT	0.		
	REYNALES		599.8		
	THOROLD		0.		
	CATARACT	GRIMSBY	602.8		
		CABOT HEAD	604.0		
		MANITOULIN	632.2		
		WHIRLPOOL	0.		
ORDOVICIAN	QUEENSTON		641.0		
	MEAFORD-DUNDAS		757.5		
	COLLINGWOOD		875.2		
	TRENTON	COBOURG	884.6		
		VERULAM	0.		
		KIRKFIELD	974.8		
	BLACK RIVER	COBOCONK	1023.0		
		GULL RIVER	1050.0		
		SHADOW LAKE	1143.0		
CAMBRIAN			1148.0		
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 1151.0m			MOC 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
1130.0-	2900 M3/D	
1149.0-	1900 M3/D	
1151.0-	2210 M3/D	
1152.0-	3210 M3/D	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
1149.0	1.0 M3/D	

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
1149.0-			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
340MM	71.4KG	86.5	CASING SHOE	
273MM	75.9KG	118.5	CASING SHOE	118.5
219MM	35.7KG	378.6	CEMENTED	312.6
178MM	29.8KG	593.6	CEMENTED	105.4

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0-1152.0	GRNL	375.0-1152.4	DENL

CORING RECORD

CONDITION		STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

REMARKS

OTER BAY 0. FOSSIL HIL 0. DE CEW 0.
B UNIT EQU 0. D UNIT EQU 435.0
COLUMBUS FACIES PRESENT IN LUCAS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

CLASS NPW FIELD/POOL STATUS OIL PRODUCER

COUNTY ELGIN TOWNSHIP ALDBOROUGH LOT 501 CON VIII

WELL NAME: REALOIL #10 ALDBOROUGH 4-501-VIII PERMIT NO.: 5113

OPERATOR REAL OIL ENTERPRI.

DRILLING CO NEWPORT WELLINGTON

GEOLOGY BY PETROLEUM RESOURCE

TOTAL DEPTH 1188.7M PBTD

RIG TYPE CAB ELEV 214.0M+ 1.2M

CO-ORDINATES 477.0M S; 179.8M W

LATITUDE 42-31-48 N

LONGITUDE 81-43-52 W SEQ 1

CONFIDENTIAL 1981 06 24

SPUDDED 1980 01 17

COMPLETED 1980 06 24

ABANDONED

SPL TRAY No 5832 INDEX No 1189

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			87.0		
LAKE / GROUND LEVEL				214.0	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	116.0		
		DUNDEE	132.0		
	DETROIT RIVER	LUCAS	163.0		
		AMHERSTBURG	211.0		
		BOIS BLANC	232.0		
		BASS ISLANDS	260.0		
SILURIAN		G UNIT SHALE	263.5		
		F UNIT SHALE	368.0		
		E UNIT CARB	411.0		
		D UNIT SALT	0.		
		C UNIT SHALE	444.7		
		B UNIT MARKER			
		B UNIT SALT	0.		
		B UNIT ANHY			
		A-2 UNIT CARB	478.0		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY	0.		
		A-1 UNIT CARB	503.0		
		A-1 UNIT EVAP	0.		
	GUELPH		521.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	579.0		
		GASPORT	595.0		
		ROCHESTER	606.0		
		IRONDEQUOIT	0.		
		REYNALES	0.		
		THOROLD	0.		
	CATARACT	GRIMSBY	0.		
		CABOT HEAD	610.0		
		MANITOULIN	645.0		
		WHIRLPOOL	0.		
ORDOVICIAN	QUEENSTON		660.0		
	MEAFORD-DUNDAS		769.0		
	COLLINGWOOD		917.0		
	TRENTON	COBOURG	958.9		
		VERULAM	993.3		
		KIRKFIELD	1073.5		
	BLACK RIVER	COBOCONK	1095.5		
		GULL RIVER	1117.4		
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 1188.7m MOC 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I PRESSURE
1179.0-1183.8		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
1179.0-1183.8		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
76.0-			FRESH
196.6-	75.0		SULPHUR
609.6-	75.0		SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
340MM	71.4KG	88.4	CASING SHOE	
273MM	60.3KG	137.2	CASING SHOE	137.2
219MM	35.7KG	364.5	CEMENTED	356.0
178MM	29.8KG	611.1	CEMENTED	561.5
114MM	14.1KG	1185.3	CEMENTED	

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
940.6-1188.7	GRNL	1107.6-1185.1	DENL
1079.6-1183.8	CMPL		

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.
O UNIT EGU 440.3 B UNIT EGU 460.0

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m) 1180.0-1183.7
PERFORATED OPEN HOLE
FORMATION(S) GULL RIVER

DST(S) ON FILE TREATMENT

41

CLASS NPW FIELD/POOL STATUS DRY HOLE -ABD

COUNTY ELGIN TOWNSHIP ALDBOROUGH LOT 503 CON VIII

WELL NAME: REALOIL NO. 11 ALDBOROUGH 3-503-VIII PERMIT NO.: 5379

OPERATOR REAL OIL ENTERPRI.

DRILLING CO NEWPORT; LORNE T.

GEOLOGY BY PETROLEUM RESOURCE

TOTAL DEPTH 142.7M PBTD

RIG TYPE CAB ELEV 210.1M+ .3M

CO-ORDINATES 419.1M S; 226.3M E

LATITUDE 42-32-13 N

LONGITUDE 80-43-21 W SEQ 1

CONFIDENTIAL 1981 06 25

SPUDDED 1980 05 31

COMPLETED 1980 06 25

ABANDONED 1980 07 09

SPL TRAY No 2173 INDEX No 1090

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			79.0		
LAKE / GROUND LEVEL				210.1	
DRIFT / LAKE BOTTOM			.3		
DEVONIAN	PRT LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE	78.6		
	DETROIT RIVER	LUCAS	121.0		
		AMHERSTBURG			
		BOIS BLANC			
		BASS ISLANDS			
SILURIAN		G UNIT SHALE			
		F UNIT SHALE			
		E UNIT CARB			
		D UNIT SALT			
		C UNIT SHALE			
		B UNIT MARKER			
		B UNIT SALT			
		B UNIT ANHY			
		A-2 UNIT CARB			
		A-2 UNIT SALT			
		A-2 UNIT ANHY			
		A-1 UNIT CARB			
		A-1 UNIT EVAP			
	GUELPH				
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 1426.0m MOC 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
83.8-	6.0		SULPHUR
134.1-	15.2		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
219MM	35.7KG	78.9	CASING SHOE	78.9
178MM	29.8KG	113.9	CEMENTED	105.4

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 142.7	GRNL	115.2- 142.7	DENL

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

REMARKS

COLUMBUS FACIES PRESENT IN LUCAS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: ELGIN TOWNSHIP: BAYHAM LOT: 25 CON: III

WELL NAME: CONSUMERS 32923 BAYHAM 1-25-III PERMIT NO.: 5198

OPERATOR: CONSUMERS GAS CO.

DRILLING CO: UNDERWATER GAS DEV

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 465.3M PBTD

RIG TYPE: ROT ELEV: 203.6M+ 1.8M

CO-ORDINATES: 102.6M S; 100.0M W

LATITUDE: 42-40-42 N

LONGITUDE: 80-44-14 W SEQ: 1

CONFIDENTIAL: 1981 02 07

SPUDDED: 1980 02 05

COMPLETED: 1980 02 07

ABANDONED: 1980 02 08

SPL TRAY No: 3866 INDEX No: 1084

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			101.0P		
LAKE / GROUND LEVEL				203.6	
DRIFT / LAKE BOTTOM			1.8		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	9.6		
		MARCELLUS	30.0		
	DUNDEE		79.4		
	DETROIT RIVER	LUCAS	88.3		
		AMHERSTBURG	112.1		
	BOIS BLANC		136.7		
	BASS ISLANDS		153.3		
SILURIAN	G UNIT	SHALE	199.4		
	F UNIT	SHALE	206.8		
	E UNIT	CARB	231.5		
	D UNIT	SALT	0.		
	C UNIT	SHALE	269.2		
		MARKER	277.3		
	B UNIT	SALT	0.		
		ANHY	291.0		
		CARB	295.5		
	A-2 UNIT	SALT	0.		
		ANHY	308.3		
	A-1 UNIT	CARB	309.9		
		EVAP	0.		
	GUELPH		314.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	351.0		
		GASPORT	0.		
		ROCHESTER	403.6		
		IRONDEQUOIT	0.		
	CATARACT	REYNALES	415.4		
		THOROLD	418.9		
		GRIMSBY	420.9		
		CABOT HEAD	430.3		
		MANITOULIN	449.2		
		WHIRLPOOL	452.2		
ORDOVICIAN		QUEENSTON	456.1		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES	465.0P		MOC	6	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	8:1 PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
103.0-			FRESH
175.0-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
180MM	25.3KG	98.9	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 467.0	GRNL	100.2- 469.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 264.0
B UNIT EQU 283.0 DE CEW 397.0
POOR AGREEMENT BETWEEN LOG AND SAMPLES
UPPER PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(s) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: ELGIN TOWNSHIP: BAYHAM LOT: 20 CON: IV

WELL NAME: CONSUMERS 32924 BAYHAM S-28-IV PERMIT NO.: 5199

OPERATOR: CONSUMERS GAS CO.

DRILLING CO: UNDERWATER GAS DEV

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 464.0M PBTD

RIG TYPE: ROT ELEV: 205.4M+ 1.8M

CO-ORDINATES: 904.0M N; 172.8M W

LATITUDE: 42-41-42 N

LONGITUDE: 80-44-14 W SEQ: 1

CONFIDENTIAL: 1981 02 10

SPUDDED: 1980 02 08

COMPLETED: 1980 02 10

ABANDONED: 1980 02 11

SPL TRAY No: 3870 INDEX No: 1085

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			96.0P		
LAKE / GROUND LEVEL				205.4	
DRIFT / LAKE BOTTOM			1.8		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	10.9		
		MARCELLUS	28.9		
	DUNDEE		79.0		
	DETROIT RIVER	LUCAS	84.3		
		AMHERSTBURG	117.3		
	BOIS BLANC		140.4		
	BASS ISLANDS		156.0		
SILURIAN	G UNIT	SHALE	191.8		
	F UNIT	SHALE	198.7		
	E UNIT	CARB	224.8		
	D UNIT	SALT	0.		
	C UNIT	SHALE	262.0		
		MARKER	271.2		
	B UNIT	SALT	0.		
		ANHY	283.7		
		CARB	287.9		
	A-2 UNIT	SALT	0.		
		ANHY	300.8		
	A-1 UNIT	CARB	302.9		
		EVAP	0.		
	GUELPH		306.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	347.2		
		GASPORT	0.		
		ROCHESTER	400.3		
		IRONDEQUOIT	0.		
	CATARACT	REYNALES	412.0		
		THOROLD	415.6		
		GRIMSBY	418.0		
		CABOT HEAD	427.3		
		MANITOULIN	444.6		
		WHIRLPOOL	447.6		
ORDOVICIAN		QUEENSTON	449.5		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES	465.0P		MOC	6	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	8:1 PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
180MM	25.3KG	94.2	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 465.0	GRNL	90.0- 465.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 257.2
B UNIT EQU 276.7 DE CEW 393.2
POOR AGREEMENT BETWEEN LOG AND SAMPLES
UPPER PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(s) ON FILE TREATMENT

CLASS NPW FIELD/POOL STATUS GAS PRODUCER

COUNTY ELGIN TOWNSHIP DUNWICH LOT 7 CON. ABF

WELL NAME: CONSUMERS 33160 DUNWICH 3-7-ABF PERMIT NO.: 5422

OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 466.0M P.B.T.D.

DRILLING CO SHAW RIG TYPE CAB ELEV 205.4M+ 1.5M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES 678.0M N; 125.0M E

GEOLOGICAL CONTACTS:	TOP m	ELEV m	THICK. m
SAMPLES START AT 65.0m			
LAKE / GROUND LEVEL		205.4	
DRIFT / LAKE BOTTOM	1.5		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS	65.0		
DEVONIAN — HAMILTON — DUNDEE	0.		
DEVONIAN — DETROIT RIVER — LUCAS	102.3		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	143.5		
DEVONIAN — DETROIT RIVER — BOIS BLANC	200.5		
DEVONIAN — DETROIT RIVER — BASS ISLANDS	231.0		
SILURIAN — G UNIT SHALE	265.4		
SILURIAN — F UNIT SHALE	294.8		
SILURIAN — E UNIT CARB	309.8		
SILURIAN — D UNIT SALT	330.4		
SILURIAN — C UNIT SHALE	0.		
SILURIAN — B UNIT SALT MARKER	368.7		
SILURIAN — B UNIT SALT ANHY	376.0		
SILURIAN — B UNIT CARB	391.9		
SILURIAN — A-2 UNIT SALT ANHY	395.4		
SILURIAN — A-2 UNIT CARB	0.		
SILURIAN — A-1 UNIT CARB EVAP	421.4		
SILURIAN — GUELPH	429.0		
SILURIAN — ERAMOSA	442.9		
SILURIAN — AMABEL — GOAT ISLAND	445.6		
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — REYNALES			
SILURIAN — THOROLD — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			

TOTAL DEPTH SAMPLES 465.0m MOC 7

LATITUDE 42-42-12 N

LONGITUDE 81-36-41 W SEC 1

CONFIDENTIAL 1981 09 18

SPUDDED 1980 08 26

COMPLETED 1980 09 18

ABANDONED

SPL. TRAY No 2409 INDEX No 1113

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
425.0- 427.0	4226 M3/D	3827 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	65.0	CASING SHOE	
219MM	35.7KG	93.8	CASING SHOE	
178MM	29.8KG	309.3	CEMENTED	

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 466.0	GRNL	310.0- 466.0	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

D UNIT EQU 364.1 B UNIT EQU 383.5
COLUMBUS FACIES PRESENT IN LUCAS

FINAL RESULTS

OIL NIL
GAS 3155 M3/D
PRESSURE 3827 KPA
PRODUCING INTVL (m) 424.8- 429.0
PERFORATED OPEN HOLE
FORMATION(S) A1 CARBONATE

1 DST(S) ON FILE TREATMENT

11

CLASS NPW FIELD/POOL STATUS OIL PRODUCER

COUNTY ELGIN TOWNSHIP DUNWICH LOT 501 CON. GORE

WELL NAME: ONSHORE-PETE DUNWICH 8-501-GORE PERMIT NO.: 5049

OPERATOR ONSHORE PETROLEUM TOTAL DEPTH 264.0M P.B.T.D. 100.6M

DRILLING CO MANDLEY DRILLING RIG TYPE CAB ELEV. 229.2M+ 1.2M

GEOLOGY BY CO-ORDINATES 114.9M N; 210.3M W

GEOLOGICAL CONTACTS:	TOP m	ELEV m	THICK. m
SAMPLES START AT m			
LAKE / GROUND LEVEL		229.2	
DRIFT / LAKE BOTTOM	1.2		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS			
DEVONIAN — HAMILTON — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG			
DEVONIAN — DETROIT RIVER — BOIS BLANC			
DEVONIAN — DETROIT RIVER — BASS ISLANDS			
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE			
SILURIAN — B UNIT SALT MARKER			
SILURIAN — B UNIT SALT ANHY			
SILURIAN — B UNIT CARB			
SILURIAN — A-2 UNIT SALT ANHY			
SILURIAN — A-2 UNIT CARB			
SILURIAN — A-1 UNIT CARB EVAP			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — REYNALES			
SILURIAN — THOROLD — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			

TOTAL DEPTH SAMPLES m MOC

LATITUDE 42-46-55 N

LONGITUDE 80-04-01 W SEC. 2

CONFIDENTIAL 1980 03 27

SPUDDED 1980 02 05

COMPLETED 1980 03 27

ABANDONED

SPL. TRAY No INDEX No.

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
89.3- 91.4	SHOW	
93.0- 95.7		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
93.3- 96.9		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
80.8- 85.3	23.7		FRESH
123.7-	30.5		SULPHUR
204.2-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
219MM		88.4	CASING SHOE	
178MM		97.5	BOTTOM PAC	97.5
140MM		192.9	BOTTOM PAC	180.7

LOGGING RECORD

LOGGING CO

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

NO SAMPLES
NO LOGS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: ELGIN TOWNSHIP: LAKE ERIE LOT: 56 CON: P

WELL NAME: CONSUMERS 13707 LAKE ERIE 56-P PERMIT NO.: 5337

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 343.5M PBTD

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+ 6.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-36-45 N

LONGITUDE: 80-54-50 W SEQ: 1

CONFIDENTIAL: 1981 08 24

SPUDDED: 1980 08 20

COMPLETED: 1980 08 24

ABANDONED:

SPL TRAY No: 4290 INDEX No: 1101

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			123.0		
LAKE / GROUND LEVEL			6.5	174.7	
DRIFT / LAKE BOTTOM			22.1		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
	DETROIT RIVER	DUNDEE	69.3		
		LUCAS	81.5		
		AMHERSTBURG	121.0		
		BOIS BLANC	150.4		
		BASS ISLANDS	167.0		
SILURIAN		G UNIT SHALE	193.5		
		F UNIT SHALE	201.9		
		E UNIT CARB	220.8		
		D UNIT SALT	0.		
		C UNIT SHALE	263.8		
		MARKER	286.0		
		B UNIT SALT	0.		
		ANHY	299.6		
		CARB	304.0		
		A-2 UNIT SALT	0.		
		ANHY	316.6		
		CARB	319.0		
		A-1 UNIT EVAP			
	GUELPH		325.2		
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
	CATARACT	REYNALES			
		THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 343.5M MOC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
324.0-	SHOW	
323.0- 343.5	18096 M3/D	4506 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	22.1	HANGING	22.1
219MM	35.7KG	120.0	CEMENTED	
114MM	14.1KG	337.7	CEMENTED	
60MM	7.0KG	320.9	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
40.0- 343.0	GRNL	120.0- 343.0	DENL
120.0- 343.0	CALP	23.0- 339.5	LATL
275.0- 333.0	CMPL		

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
325.0- 343.4	18.4			

REMARKS

D UNIT EQU 258.5 B UNIT EQU 291.7

FINAL RESULTS

OIL: NIL

GAS: 18096 M3/D

PRESSURE: 4506 KPA

PRODUCING INTVL (m): 326.3- 326.8

PERFORATED: YES OPEN HOLE

FORMATION(S): GUELPH

1 DST(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: ELGIN TOWNSHIP: LAKE ERIE LOT: 56 CON: S

WELL NAME: CONSUMERS 13737 LAKE ERIE 56-S PERMIT NO.: 5470

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 485.0M PBTD

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+ 6.7M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-36-41 N

LONGITUDE: 80-51-12 W SEQ: 1

CONFIDENTIAL: 1981 10 05

SPUDDED: 1980 10 03

COMPLETED: 1980 10 05

ABANDONED: 1980 10 06

SPL TRAY No: 5342 INDEX No: 1112

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			129.0		
LAKE / GROUND LEVEL			6.7	174.7	
DRIFT / LAKE BOTTOM			21.9		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	70.0		
	DETROIT RIVER	DUNDEE	81.0		
		LUCAS	85.4		
		AMHERSTBURG	96.0		
		BOIS BLANC	132.3		
		BASS ISLANDS	175.9		
SILURIAN		G UNIT SHALE	187.7		
		F UNIT SHALE	217.7		
		E UNIT CARB	226.2		
		D UNIT SALT	250.1		
		C UNIT SHALE	0.		
		MARKER	286.8		
		B UNIT SALT	296.2		
		ANHY	0.		
		CARB	309.0		
		A-2 UNIT SALT	313.7		
		ANHY	0.		
		CARB	327.4		
		A-1 UNIT EVAP	329.8		
	GUELPH		0.		
	ERAMOSA		335.3		
	AMABEL	GOAT ISLAND	0.		
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT	421.0		
	CATARACT	REYNALES	0.		
		THOROLD	428.8		
		GRIMSBY	432.7		
		CABOT HEAD	435.0		
		MANITOULIN	444.9		
		WHIRLPOOL	463.1		
ORDOVICIAN	QUEENSTON		466.8		
	MEAFORD-DUNDAS		467.6		
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 485.0 MOC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
324.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	21.9	HANGING	21.9
219MM	35.7KG	127.7	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
15.0- 478.5	GRNL	15.0- 478.5	CALP
127.7- 483.5	DENL		

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 286.8
B UNIT EQU 301.5 DE CEW 411.6

FINAL RESULTS

OIL: NIL

GAS: NIL

PRESSURE:

PRODUCING INTVL (m):

PERFORATED: OPEN HOLE

FORMATION(S):

DST(S) ON FILE TREATMENT

CLASS EXTEN FIELD/POOL STATUS DRY HOLE -ABD

COUNTY: ELGIN TOWNSHIP: LAKE ERIE LOT 57 CON P

WELL NAME: CONSUMERS 13739 LAKE ERIE 57-P PERMIT NO.: 5508

OPERATOR CONSUMERS GAS CO.

DRILLING CO UNDERWATER GAS DEV TOTAL DEPTH 480.0M P.B.T.D

GEOLOGY BY PETROLEUM RESOURCE RIG TYPE ROT ELEV 174.7M+ 7.2M

CO-ORDINATES

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 133.0					
LAKE / GROUND LEVEL			7.2	174.7	
DRIFT / LAKE BOTTOM			22.4		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT			
	HAMILTON		66.5		
		MARCELLUS	0.		
		DUNDEE	85.2		
	DETROIT RIVER	LUCAS	97.3		
		AMHERSTBURG	133.5		
		BOIS BLANC	171.2		
		BASS ISLANDS	187.3		
SILURIAN		G UNIT SHALE	217.8		
		F UNIT SHALE	226.4		
		E UNIT CARB	250.2		
		D UNIT SALT	0.		
		C UNIT SHALE	286.8		
		MARKER	294.4		
		B UNIT SALT	0.		
		ANHY	307.7		
		CARB	313.2		
		A-2 UNIT SALT	0.		
		ANHY	327.3		
		CARB	329.7		
		A-1 UNIT EVAP			
	GUELPH		340.0		
	ERAMOSA		0.		
	GOAT ISLAND		0.		
	AMABEL	GASPORT	0.		
		ROCHESTER	412.0		
		IRONDEQUOIT	0.		
		REYNALES	425.4		
		THOROLD	429.8		
	CATARACT	GRIMSBY	433.0		
		CABOT HEAD	441.3		
		MANITOULIN	460.0		
		WHIRLPOOL	463.8		
ORDOVICIAN	QUEENSTON		465.0		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 480.0 MQC 6

LATITUDE 42-36-20 N

LONGITUDE 80-49-02 W SEQ 1

CONFIDENTIAL 1981 10 09

SPUDDED 1980 10 07

COMPLETED 1980 10 09

ABANDONED 1980 10 10

SPL TRAY No 4568 INDEX No 1114

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	22.4	HANGING	22.4
219MM	35.7KG	129.6	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
15.0- 473.5	GRNL	15.0- 473.5	DENL
130.0- 478.5	CALP		

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 282.0
B UNIT EQU 300.0 DE CEW 466.7

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

11

CLASS EXTEN FIELD/POOL STATUS DRY HOLE -ABD

COUNTY: ELGIN TOWNSHIP: LAKE ERIE LOT 97 CON E

WELL NAME: CONSUMERS 13706 LAKE ERIE 97-E PERMIT NO.: 5536

OPERATOR CONSUMERS GAS CO.

DRILLING CO UNDERWATER GAS DEV TOTAL DEPTH 390.0M P.B.T.D

GEOLOGY BY PETROLEUM RESOURCE RIG TYPE ROT ELEV 174.7M+ 7.0M

CO-ORDINATES

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 132.0					
LAKE / GROUND LEVEL			7.0	174.7	
DRIFT / LAKE BOTTOM					
DEVONIAN	PRT. LAMBTON		0.		
		KETTLE POINT			
	HAMILTON		78.3		
		MARCELLUS	101.0		
		DUNDEE	104.9		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	147.5		
		BOIS BLANC	173.0		
		BASS ISLANDS	207.0		
SILURIAN		G UNIT SHALE	233.5		
		F UNIT SHALE	242.2		
		E UNIT CARB	270.1		
		D UNIT SALT	0.		
		C UNIT SHALE	303.6		
		MARKER	312.0		
		B UNIT SALT	0.		
		ANHY	325.2		
		CARB	330.0		
		A-2 UNIT SALT	0.		
		ANHY	343.8		
		CARB	345.2		
		A-1 UNIT EVAP	0.		
	GUELPH		351.0		
	ERAMOSA				
	GOAT ISLAND				
	AMABEL	GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 390.0 MQC 7

LATITUDE 42-34-30 N

LONGITUDE 80-44-33 W SEQ 1

CONFIDENTIAL 1981 06 30

SPUDDED 1980 06 26

COMPLETED 1980 06 30

ABANDONED 1980 06 30

SPL TRAY No 6445 INDEX No 1121

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I PRESSURE
340.5- 360.0		1172 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	23.9	HANGING	
219MM	35.7KG	128.1	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
30.0- 390.0	GRNL	129.0- 390.0	DENL
30.0- 390.0	CALP		

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
342.0- 360.0	8.9		

REMARKS

D UNIT EQU 298.4 B UNIT EQU 317.4
SPRINGVALE AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

1 D.S.T.(S) ON FILE TREATMENT

CLASS DEVEL FIELD/POOL STATUS DRY HOLE -ABD

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 97 CON X

WELL NAME: CONSUMERS 13673 LAKE ERIE 97-X PERMIT NO.: 5263

OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 518.0M PBTD

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.4M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 150.0					
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			25.8		
DEVONIAN	PRT LAMBTON		0.		
		KETTLE POINT	0.		
	HAMILTON		98.4		
		MARCELLUS	132.9		
		DUNDEE	135.2		
	DETROIT RIVER	LUCAS	162.2		
		AMHERSTBURG	183.2		
		BOIS BLANC	203.8		
		BASS ISLANDS	231.9		
SILURIAN		G UNIT SHALE	265.4		
		F UNIT SHALE	271.4		
		E UNIT CARB	294.5		
		D UNIT SALT	0.		
		C UNIT SHALE	329.9		
		MARKER	338.5		
		B UNIT SALT	0.		
		ARMY	359.5		
		CARB	358.0		
		A-2 UNIT SALT	0.		
		ARMY	370.9		
		CARB	373.2		
		A-1 UNIT EVAP	0.		
	GUELPH		380.6		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	454.5		
		IRONDEQUOIT	0.		
		REYNALES	464.2		
		THOROLD	467.5		
	CATARACT	GRIMSBY	470.6		
		CABOT HEAD	480.9		
		MANITOULIN	501.2		
		WHIRLPOOL	505.2		
ORDOVICIAN		QUEENSTON	506.0		
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 518.0 MDC 7

LATITUDE 42-30-48 N

LONGITUDE 80-43-40 W SEQ 1

CONFIDENTIAL 1980 09 10

SPUDDED 1980 08 08

COMPLETED 1980 08 10

ABANDONED 1980 08 11

BPL TRAY No 3663 INDEX No 1098

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B1 PRESSURE
170.0-	SHOW	
314.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	25.8	HANGING	25.8
219MM	35.7KG	146.5	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 517.0	GRNL	146.7- 517.0	DENL

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 325.1
B UNIT EQU 343.4 DE CEW 439.9
ORISKANY AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

CLASS DEVEL FIELD/POOL STATUS GAS SHOW -ABD

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 118 CON I

WELL NAME: CONSUMERS 13712 LAKE ERIE 118-I PERMIT NO.: 5342

OPERATOR UNDERWATER GAS DEV TOTAL DEPTH 565.7M PBTD

DRILLING CO CONSUMERS GAS CO. RIG TYPE ROT ELEV 174.7M+ 6.3M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 223.0					
LAKE / GROUND LEVEL			6.3	174.7	
DRIFT / LAKE BOTTOM			27.0		
DEVONIAN	PRT LAMBTON		0.		
		KETTLE POINT	87.0		
	HAMILTON		99.0		
		MARCELLUS	149.5		
		DUNDEE	153.3		
	DETROIT RIVER	LUCAS	177.2		
		AMHERSTBURG	201.0		
		BOIS BLANC	218.5		
		BASS ISLANDS	259.5		
SILURIAN		G UNIT SHALE	297.7		
		F UNIT SHALE	305.5		
		E UNIT CARB	329.8		
		D UNIT SALT	0.		
		C UNIT SHALE	367.7		
		MARKER	378.5		
		B UNIT SALT	0.		
		ARMY	393.0		
		CARB	399.3		
		A-2 UNIT SALT	0.		
		ARMY	419.0		
		CARB	417.0		
		A-1 UNIT EVAP	0.		
	GUELPH		430.1		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	500.8		
		IRONDEQUOIT	0.		
		REYNALES	511.7		
		THOROLD	516.0		
	CATARACT	GRIMSBY	518.0		
		CABOT HEAD	531.2		
		MANITOULIN	548.6		
		WHIRLPOOL	553.0		
ORDOVICIAN		QUEENSTON	553.4		
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 520.0 MDC 7

LATITUDE 42-26-30 N

LONGITUDE 81-00-45 W SEQ 1

CONFIDENTIAL 1980 09 26

SPUDDED 1980 08 25

COMPLETED 1980 08 28

ABANDONED 1980 08 29

BPL TRAY No 2417 INDEX No 897

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B1 PRESSURE
340.0- 341.0	SHOW	
515.0- 520.0	855 M3/D	5791 KPA
535.0- 540.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	27.9	HANGING	27.9
219MM	35.7KG	143.3	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
28.0- 560.0	GRNL	28.0- 560.0	CALP
143.0- 564.0	DENL	145.0- 560.0	LATL

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

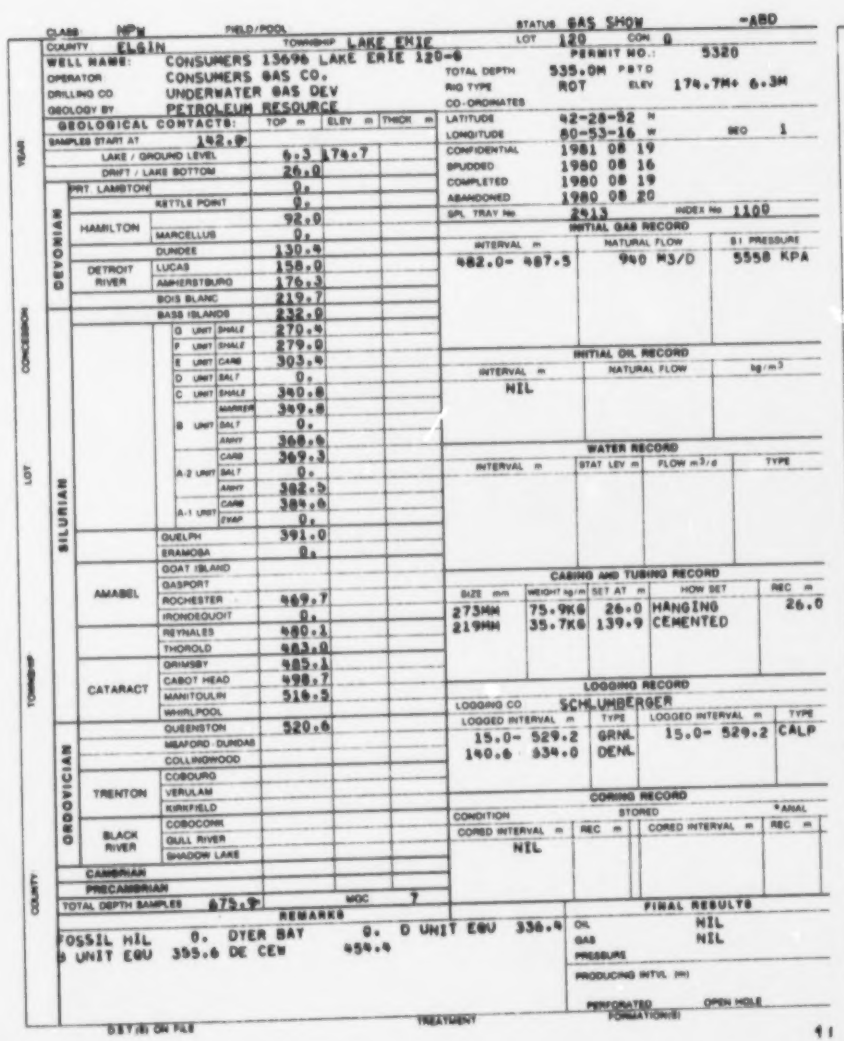
REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 362.8
B UNIT EQU 384.5 DE CEW 493.0
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

2 DST(S) ON FILE TREATMENT



CLASS NPW FIELD/POOL STATUS GAS SHOW -ABD
COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 120 CON 8
WELL NAME: CONSUMERS 13696 LAKE ERIE 120-6 PERMIT NO.: 5320
OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 535.0M PBTD
DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.3M
GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES
LATITUDE 42-28-52 N LONGITUDE 80-53-16 W SEQ 1
CONFIDENTIAL 1981 08 19 SPUDDED 1980 08 16 COMPLETED 1980 08 19 ABANDONED 1980 08 20
SPL TRAY No 2913 INDEX No 1100

GEOLOGICAL CONTACTS:

			TOP m	ELEV m	THICK m
SAMPLES START AT 142.9					
LAKE / GROUND LEVEL			6.3	174.7	
DRIFT / LAKE BOTTOM			26.0		
DEVONIAN	PRT LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	92.0		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	130.4		
		AMHERSTBURG	158.0		
		BOIS BLANC	176.3		
		BASS ISLANDS	219.7		
SILURIAN		G UNIT SHALE	232.0		
		F UNIT SHALE	270.4		
		E UNIT CARB	279.0		
		D UNIT SALT	303.4		
		C UNIT SHALE	0.		
		MARKER	340.8		
		B UNIT SALT	349.8		
		ANHY	0.		
		CARB	368.6		
		A-2 UNIT SALT	369.3		
		ANHY	0.		
		CARB	382.5		
		A-1 UNIT EVAP	384.6		
	GUELPH		0.		
	ERAMOSA		391.0		
	AMABEL	GOAT ISLAND	0.		
		GASPORT			
		ROCHESTER	469.7		
		IRONDEQUOIT	0.		
		REYNALES	480.1		
		THOROLD	483.0		
	CATARACT	GRIMSBY	485.1		
		CABOT HEAD	498.7		
		MANITOULIN	516.5		
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON	520.6		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 535.0				MOC	7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B1 PRESSURE
482.0- 487.5	940 M3/D	5558 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	26.0	HANGING	26.0
219MM	35.7KG	139.9	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
15.0- 529.2	GRNL	15.0- 529.2	CALP
140.6 534.0	DENL		

CORING RECORD

CONDITION	STORED		ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

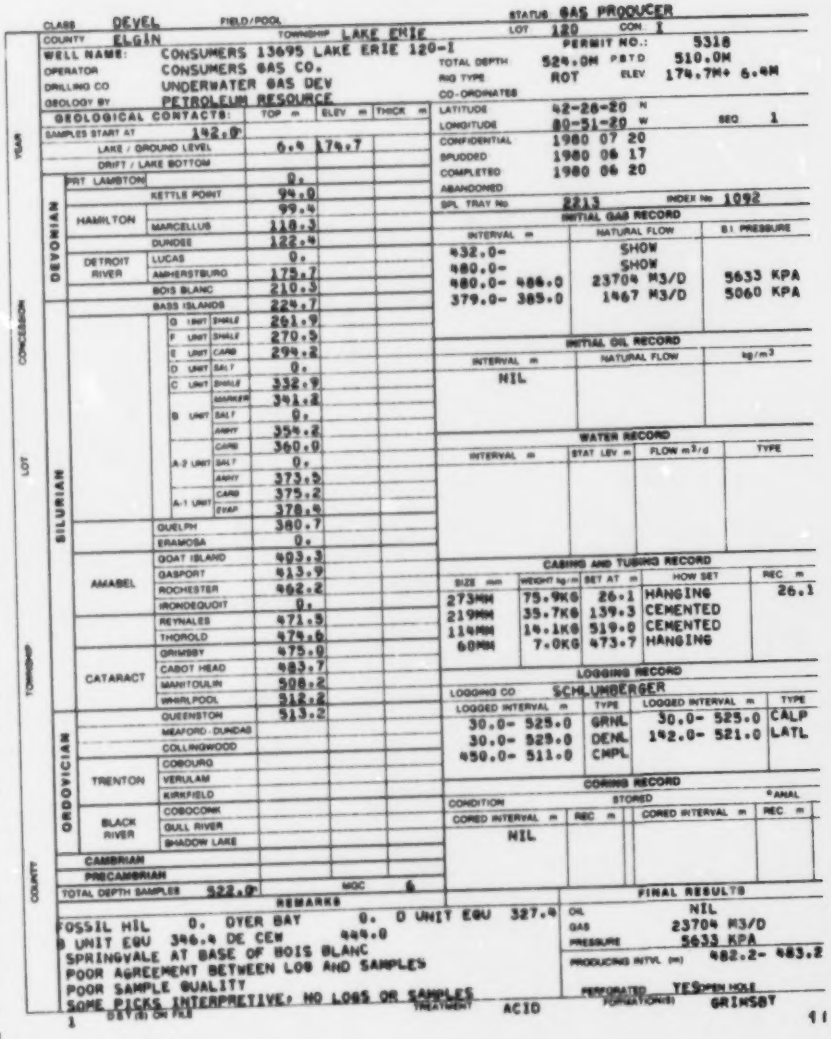
REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 336.4
B UNIT EQU 355.6 DE CEW 454.4

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT 41



CLASS DEVEL FIELD/POOL STATUS GAS PRODUCER
COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 120 CON 7
WELL NAME: CONSUMERS 13695 LAKE ERIE 120-1 PERMIT NO.: 5318
OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 524.0M PBTD 510.0M
DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.4M
GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES
LATITUDE 42-28-20 N LONGITUDE 80-51-20 W SEQ 1
CONFIDENTIAL 1980 07 20 SPUDDED 1980 08 17 COMPLETED 1980 08 20 ABANDONED
SPL TRAY No 2213 INDEX No 1092

GEOLOGICAL CONTACTS:

			TOP m	ELEV m	THICK m
SAMPLES START AT 142.9					
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM					
DEVONIAN	PRT LAMBTON		0.		
	HAMILTON	KETTLE POINT	94.0		
		MARCELLUS	99.4		
		DUNDEE	110.3		
	DETROIT RIVER	LUCAS	122.4		
		AMHERSTBURG	0.		
		BOIS BLANC	175.7		
		BASS ISLANDS	210.3		
SILURIAN		G UNIT SHALE	229.7		
		F UNIT SHALE	261.9		
		E UNIT CARB	270.5		
		D UNIT SALT	294.2		
		C UNIT SHALE	0.		
		MARKER	332.9		
		B UNIT SALT	341.2		
		ANHY	0.		
		CARB	354.2		
		A-2 UNIT SALT	360.9		
		ANHY	0.		
		CARB	373.5		
		A-1 UNIT EVAP	375.2		
	GUELPH		378.9		
	ERAMOSA		380.7		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	403.3		
		ROCHESTER	413.9		
		IRONDEQUOIT	462.2		
		REYNALES	0.		
		THOROLD	471.5		
	CATARACT	GRIMSBY	474.6		
		CABOT HEAD	475.0		
		MANITOULIN	483.7		
		WHIRLPOOL	508.2		
ORDOVICIAN		QUEENSTON	512.2		
		MEAFORD-DUNDAS	513.2		
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 522.9				MOC	6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B1 PRESSURE
432.0-	SHOW	
480.0-	SHOW	
480.0- 484.0	23704 M3/D	5633 KPA
379.0- 385.0	1467 M3/D	5060 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	26.1	HANGING	26.1
219MM	35.7KG	139.3	CEMENTED	
114MM	14.1KG	519.0	CEMENTED	
60MM	7.0KG	473.7	HANGING	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
30.0- 525.0	GRNL	30.0- 525.0	CALP
30.0- 529.0	DENL	142.0- 521.0	LATL
450.0- 511.0	CMPL		

CORING RECORD

CONDITION	STORED		ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 327.4
B UNIT EQU 346.4 DE CEW 449.0
SPRINGVALE AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY
SOME PICKS INTERPRETIVE; NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS 23704 M3/D
PRESSURE 5633 KPA
PRODUCING INTVL (m) 482.2- 483.2
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY

1 DST(S) ON FILE TREATMENT ACID 41

ELGIN COUNTY

CLASS DEVEL FIELD/POOL STATUS GAS PRODUCER

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 120 CON U

WELL NAME: CONSUMERS 13720 LAKE ERIE 120-U PERMIT NO.: 5334

OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 524.0M PBTD 518.4M

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.2M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

LATITUDE 42-25-20 N

LONGITUDE 80-50-22 W SEQ 1

CONFIDENTIAL 1980 07 16

SPUDDED 1980 06 11

COMPLETED 1980 06 16

ABANDONED

BPL TRAY No 3672 INDEX No 1089

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 191.0P					
LAKE / GROUND LEVEL			0.2	174.7	
DRIFT / LAKE BOTTOM					
DEVONIAN	PRT LAMBTON				
		KETTLE POINT			
	HAMILTON		111.0		
		MARCELLUS	131.0		
		DUNDEE	149.0		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	159.2		
		BOIS BLANC	221.9		
		BASS ISLANDS	239.0		
SILURIAN		G UNIT SHALE	268.9		
		F UNIT SHALE	290.5		
		E UNIT CARB	322.3		
		D UNIT SALT	0.		
		C UNIT SHALE	360.0		
		MARKER	368.0		
		B UNIT SALT	0.		
		ANHY	382.0		
		CARB	387.0		
		A-2 UNIT SALT	0.		
		ANHY	400.1		
		CARB	401.0		
		A-1 UNIT EVAP	0.		
	GUELPH		409.0		
	ERAMOSA		0.		
	ANABEL	GOAT ISLAND	431.3		
		GASPORT	439.0		
		ROCHESTER	487.2		
		IRONDEQUOIT	0.		
		REYNALES	498.3		
		THOROLD	501.0		
	CATARACT	GRIMSBY	503.2		
		CABOT HEAD	512.2		
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 529.0P			MDC		7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
390.0- 501.9		6330 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	27.2	HANGING	
219MM	35.7KG	140.2	CEMENTED	
114MM	14.1KG	520.9	CEMENTED	
60MM	7.0KG	496.9	HANGING	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
30.0- 524.0	GRNL	30.0- 524.0	CALP
30.0- 524.0	DENL	140.0- 520.0	LATL
479.0- 518.0	CMPL		

CORING RECORD

CONDITION	STORED		* ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 356.7
D UNIT EQU 374.5 DE CEW 469.0
SPRINGVALE AT BASE OF BOIS BLANC
SOME PICKS INTERPRETIVE: NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE

PRODUCING INTVL (m) 504.9- 505.0
506.0- 507.0 509.0- 510.0

PERFORATED OPEN HOLE

FORMATION(S) GRIMSBY

DST(S) ON FILE TREATMENT

CLASS DEVEL FIELD/POOL STATUS DRY HOLE -ABD

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 121 CON J

WELL NAME: CONSUMERS 13674 LAKE ERIE 121-J PERMIT NO.: 5264

OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 530.0M PBTD

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.3M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

LATITUDE 42-28-11 N

LONGITUDE 80-45-20 W SEQ 1

CONFIDENTIAL 1980 09 15

SPUDDED 1980 08 11

COMPLETED 1980 08 15

ABANDONED 1980 08 15

BPL TRAY No 3677 INDEX No 1099

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 147.0P					
LAKE / GROUND LEVEL			0.3	174.7	
DRIFT / LAKE BOTTOM			26.0		
DEVONIAN	PRT LAMBTON		0.		
		KETTLE POINT	0.		
	HAMILTON		107.8		
		MARCELLUS	0.		
		DUNDEE	129.2		
	DETROIT RIVER	LUCAS	154.9		
		AMHERSTBURG	172.1		
		BOIS BLANC	199.7		
		BASS ISLANDS	230.2		
SILURIAN		G UNIT SHALE	269.3		
		F UNIT SHALE	277.9		
		E UNIT CARB	300.2		
		D UNIT SALT	0.		
		C UNIT SHALE	337.8		
		MARKER	347.0		
		B UNIT SALT	0.		
		ANHY	361.2		
		CARB	366.4		
		A-2 UNIT SALT	0.		
		ANHY	379.7		
		CARB	382.1		
		A-1 UNIT EVAP	0.		
	GUELPH		393.7		
	ERAMOSA		0.		
	ANABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	462.3		
		IRONDEQUOIT	0.		
		REYNALES	472.7		
		THOROLD	476.2		
	CATARACT	GRIMSBY	479.0		
		CABOT HEAD	490.5		
		MANITOULIN	510.8		
		WHIRLPOOL	514.8		
ORDOVICIAN		QUEENSTON	515.8		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 530.0P			MDC		7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
300.0-	SHOW	
479.0- 484.0	SHOW	899 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	26.6	HANGING	26.6
219MM	35.7KG	142.3	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
30.0- 524.0	GRNL	30.0- 524.0	CALP
142.0- 529.0	DENL	145.5- 525.0	LATL

CORING RECORD

CONDITION	STORED		* ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 332.4
D UNIT EQU 353.3 DE CEW 465.6
SPRINGVALE AT BASE OF BOIS BLANC
POOR SAMPLE QUALITY

FINAL RESULTS

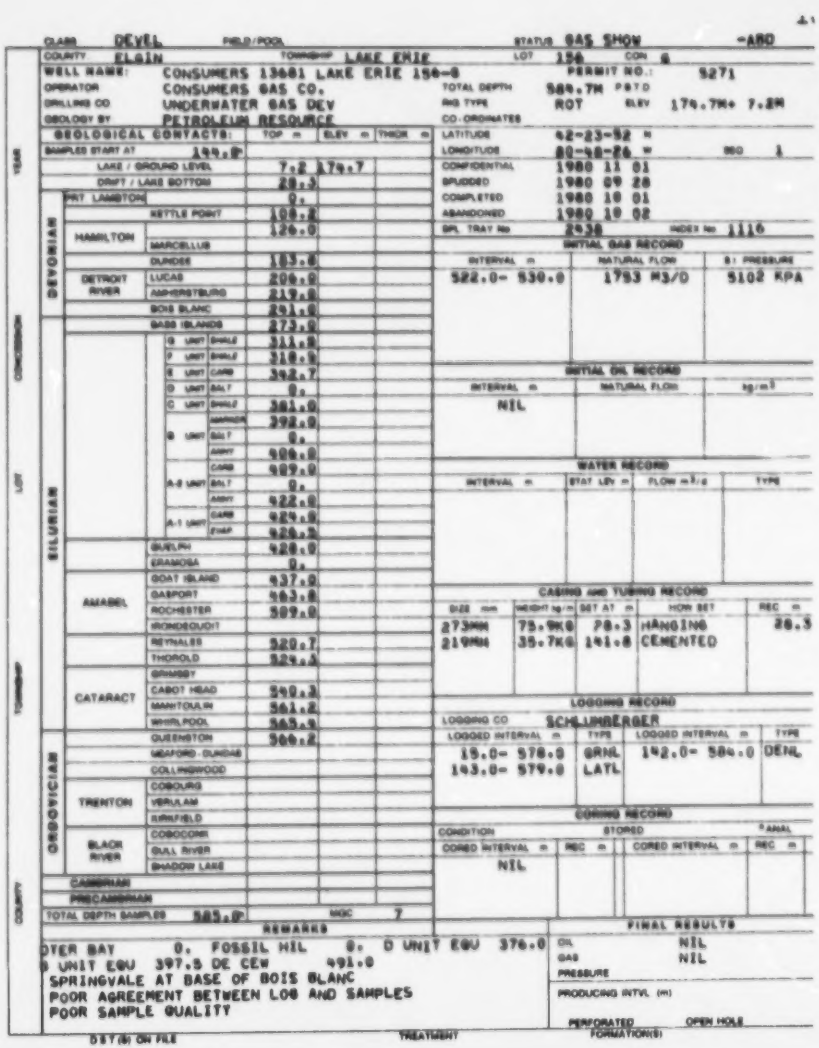
OIL NIL
GAS NIL
PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

1 DST(S) ON FILE TREATMENT



CLASS DEVEL FIELD/POOL STATUS GAS SHOW -ABD
COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 156 CON 6
WELL NAME: CONSUMERS 13681 LAKE ERIE 156-6 PERMIT NO.: 5271
OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 589.7M PBTD
DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 7.2M
GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

GEOLOGICAL CONTACTS:	TOP m	ELEV m	THICK m
SAMPLES START AT 144.0P			
LAKE / GROUND LEVEL	7.2	174.7	
DRIFT / LAKE BOTTOM	29.3		
DEVONIAN — PRT LAMBTON	0.		
DEVONIAN — HAMILTON — KETTLE POINT	108.2		
DEVONIAN — HAMILTON — MARCELLUS	126.0		
DEVONIAN — DUNDEE	183.8		
DEVONIAN — DETROIT RIVER — LUCAS	208.0		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	219.8		
DEVONIAN — DETROIT RIVER — BOIS BLANC	241.0		
DEVONIAN — DETROIT RIVER — BASS ISLANDS	273.0		
SILURIAN — G UNIT SHALE	311.8		
SILURIAN — F UNIT SHALE	318.9		
SILURIAN — E UNIT CARB	342.7		
SILURIAN — D UNIT SALT	0.		
SILURIAN — C UNIT SHALE	381.0		
SILURIAN — B UNIT MARKER	392.9		
SILURIAN — B UNIT SALT	0.		
SILURIAN — B UNIT ANHY	406.8		
SILURIAN — A-2 UNIT CARB	409.0		
SILURIAN — A-2 UNIT SALT	0.		
SILURIAN — A-2 UNIT ANHY	422.8		
SILURIAN — A-1 UNIT CARB	425.9		
SILURIAN — A-1 UNIT EVAP	426.5		
SILURIAN — GUELPH	428.0		
SILURIAN — ERAMOSA	0.		
SILURIAN — AMABEL — GOAT ISLAND	437.0		
SILURIAN — AMABEL — GASPORT	463.8		
SILURIAN — AMABEL — ROCHESTER	509.0		
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — CATARACT — REYNALES	520.7		
SILURIAN — CATARACT — THOROLD	524.3		
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD	540.3		
SILURIAN — CATARACT — MANITOULIN	561.2		
SILURIAN — CATARACT — WHIRLPOOL	563.9		
ORDOVICIAN — QUEENSTON	586.2		
ORDOVICIAN — MEAFORD - DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — BIRDFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLED 585.0P		MDC	7

LATITUDE 42-23-52 N
LONGITUDE 80-48-26 W MAP 1
CONFIDENTIAL 1980 11 01
SPUDDED 1980 09 28
COMPLETED 1980 10 01
ABANDONED 1980 10 02
SPL TRAY No 2938 INDEX No 1116

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
522.0- 530.0	1793 M3/D	5102 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	28.3	HANGING	28.3
219MM	35.7KG	141.8	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
15.0- 578.0	GRNL	142.0- 584.0	DENL
143.0- 579.0	LATL		

CORING RECORD

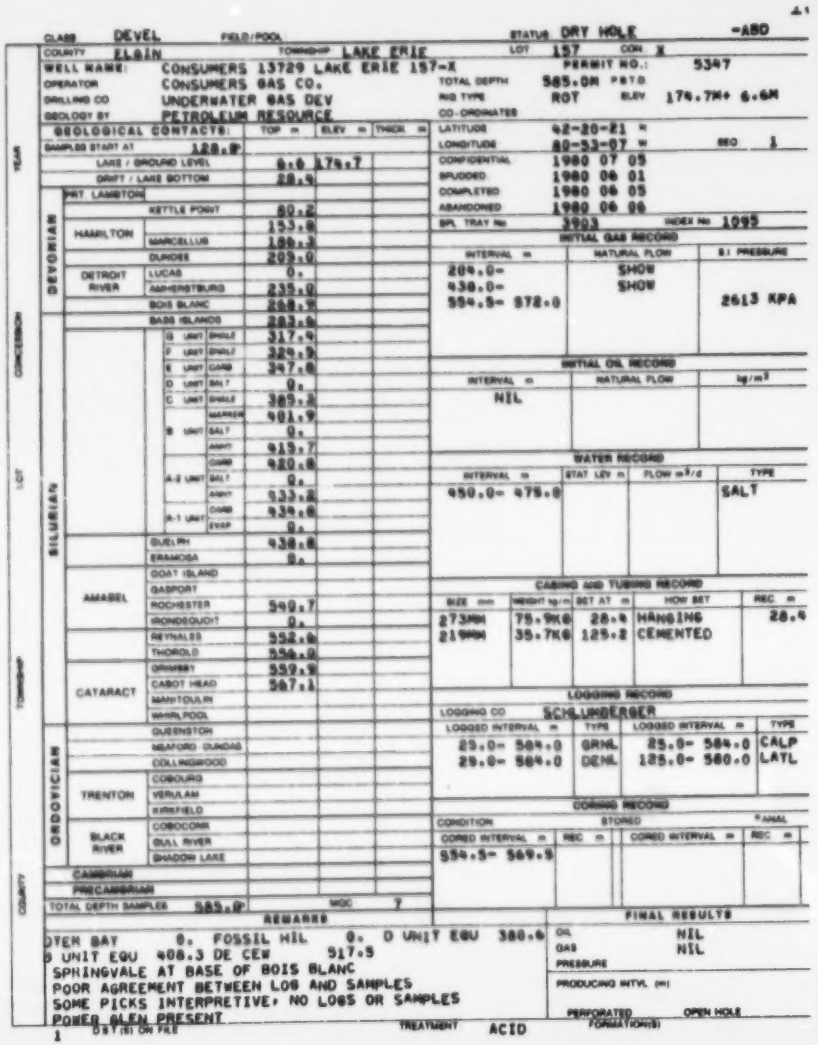
CONDITION	STORED		ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OTER BAY 0. FOSSIL HIL 0. D UNIT EQU 376.0
D UNIT EQU 397.5 DE CEW 491.0
SPRINGVALE AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY

FINAL RESULTS
OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT



CLASS DEVEL FIELD/POOL STATUS DRY HOLE -ABD
COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 157 CON X
WELL NAME: CONSUMERS 13729 LAKE ERIE 157-X PERMIT NO.: 5347
OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 585.0M PBTD
DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.6M
GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

GEOLOGICAL CONTACTS:	TOP m	ELEV m	THICK m
SAMPLES START AT 120.0P			
LAKE / GROUND LEVEL	0.0	174.7	
DRIFT / LAKE BOTTOM	28.9		
DEVONIAN — PRT LAMBTON			
DEVONIAN — HAMILTON — KETTLE POINT	80.2		
DEVONIAN — HAMILTON — MARCELLUS	153.8		
DEVONIAN — DUNDEE	180.3		
DEVONIAN — DETROIT RIVER — LUCAS	203.0		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	0.		
DEVONIAN — DETROIT RIVER — BOIS BLANC	235.0		
DEVONIAN — DETROIT RIVER — BASS ISLANDS	248.9		
SILURIAN — G UNIT SHALE	283.6		
SILURIAN — F UNIT SHALE	317.4		
SILURIAN — E UNIT CARB	329.9		
SILURIAN — D UNIT SALT	347.6		
SILURIAN — C UNIT SHALE	0.		
SILURIAN — B UNIT MARKER	389.3		
SILURIAN — B UNIT SALT	401.9		
SILURIAN — B UNIT ANHY	0.		
SILURIAN — A-2 UNIT CARB	415.7		
SILURIAN — A-2 UNIT SALT	420.8		
SILURIAN — A-2 UNIT ANHY	0.		
SILURIAN — A-1 UNIT CARB	433.2		
SILURIAN — A-1 UNIT EVAP	439.8		
SILURIAN — GUELPH	0.		
SILURIAN — ERAMOSA	438.8		
SILURIAN — AMABEL — GOAT ISLAND	0.		
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER	540.7		
SILURIAN — AMABEL — IRONDEQUOIT	0.		
SILURIAN — CATARACT — REYNALES	552.6		
SILURIAN — CATARACT — THOROLD	556.2		
SILURIAN — CATARACT — GRIMSBY	559.9		
SILURIAN — CATARACT — CABOT HEAD	567.1		
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD - DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — BIRDFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLED 585.0P		MDC	7

LATITUDE 42-20-21 N
LONGITUDE 80-53-07 W MAP 1
CONFIDENTIAL 1980 07 05
SPUDDED 1980 06 01
COMPLETED 1980 06 05
ABANDONED 1980 06 06
SPL TRAY No 3903 INDEX No 1095

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
284.0-	SHOW	
438.0-	SHOW	
554.5- 572.0		2613 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
450.0- 475.0			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	28.4	HANGING	28.4
219MM	35.7KG	125.2	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
25.0- 584.0	GRNL	25.0- 584.0	CALP
25.0- 584.0	DENL	125.0- 580.0	LATL

CORING RECORD

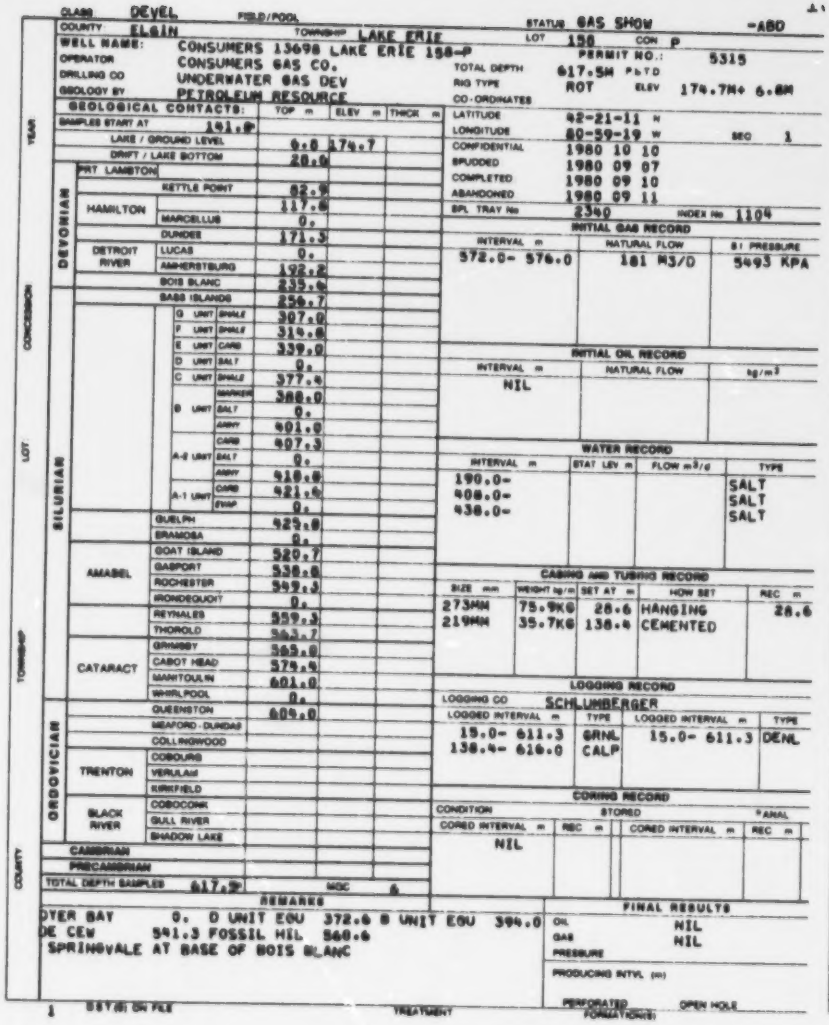
CONDITION	STORED		ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
554.5- 569.9			

REMARKS

OTER BAY 0. FOSSIL HIL 0. D UNIT EQU 380.6
D UNIT EQU 408.3 DE CEW 517.5
SPRINGVALE AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS
OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

1 DST(S) ON FILE TREATMENT ACID



CLASS DEVEL FIELD/POOL STATUS GAS SHOW -ABD

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 150 CON P

WELL NAME: CONSUMERS 13698 LAKE ERIE 150-P PERMIT NO.: 5315

OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 617.5M PBTD

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.8M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

LATITUDE 42-21-11 N

LONGITUDE 80-59-19 W SEC 1

CONFIDENTIAL 1980 10 10

SPUDDED 1980 09 07

COMPLETED 1980 09 10

ABANDONED 1980 09 11

SPL TRAY No 2340 INDEX No 1104

GEOLOGICAL CONTACTS:

			TOP m	ELEV m	THICK m
SAMPLES START AT			181.0P		
LAKE / GROUND LEVEL			0.0	174.7	
DRIFT / LAKE BOTTOM			20.0		
DEVONIAN	PRT LAMBTON				
		KETTLE POINT	82.9		
	HAMILTON		117.6		
		MARCELLUS	0.		
	DUNDEE		171.3		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	192.2		
	BOIS BLANC		235.6		
	BASS ISLANDS		250.7		
SILURIAN		G UNIT SHALE	307.0		
		F UNIT SHALE	314.0		
		E UNIT CARB	339.0		
		D UNIT SALT	0.		
		C UNIT SHALE	377.4		
		MARKER	388.0		
		B UNIT SALT	0.		
		ANHY	401.0		
		CARB	407.3		
		A-2 UNIT SALT	0.		
		ANHY	418.0		
		CARB	421.6		
		A-1 UNIT EVAP	0.		
	GUELPH		429.8		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	520.7		
		GASPORT	538.8		
		ROCHESTER	549.3		
		IRONDEQUOIT	0.		
		REYNALES	559.3		
		THOROLD	563.7		
		GRIMSBY	565.8		
	CATARACT	CABOT HEAD	579.9		
		MANITOULIN	601.0		
		WHIRLPOOL	0.		
ORDOVICIAN		QUEENSTON	609.0		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 617.5P MOC 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
572.0- 576.0	181 M3/D	5493 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE
190.0-			SALT
408.0-			SALT
438.0-			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	28.6	HANGING	28.6
219MM	35.7KG	138.4	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
15.0- 611.3	GRNL	15.0- 611.3	DENL
138.4- 616.0	CALP		

CORING RECORD

CONDITION STORED

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

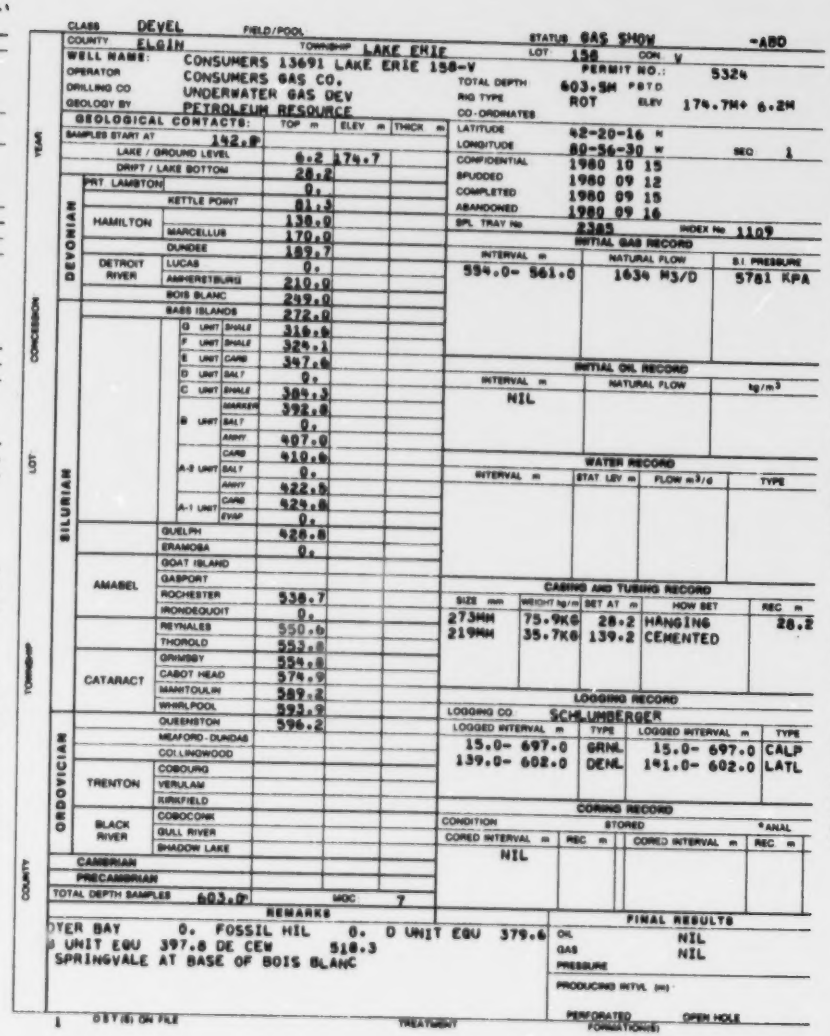
PRODUCING INTVL (m)

PERFORATED FORMATION(S) OPEN HOLE

REMARKS

OYER BAY 0. D UNIT EQU 372.6 B UNIT EQU 394.0
DE CEW 541.3 FOSSIL HIL 560.6
SPRINGVALE AT BASE OF BOIS BLANC

1 DST(S) ON FILE TREATMENT



CLASS DEVEL FIELD/POOL STATUS GAS SHOW -ABD

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 150 CON V

WELL NAME: CONSUMERS 13691 LAKE ERIE 150-V PERMIT NO.: 5324

OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 603.5M PBTD

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.2M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

LATITUDE 42-20-16 N

LONGITUDE 80-56-30 W SEC 1

CONFIDENTIAL 1980 10 15

SPUDDED 1980 09 12

COMPLETED 1980 09 15

ABANDONED 1980 09 16

SPL TRAY No 2385 INDEX No 1109

GEOLOGICAL CONTACTS:

			TOP m	ELEV m	THICK m
SAMPLES START AT			142.0P		
LAKE / GROUND LEVEL			6.2	174.7	
DRIFT / LAKE BOTTOM			28.2		
DEVONIAN	PRT LAMBTON		0.		
		KETTLE POINT	81.3		
	HAMILTON		138.0		
		MARCELLUS	179.0		
	DUNDEE		189.7		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	210.0		
	BOIS BLANC		249.0		
	BASS ISLANDS		272.0		
SILURIAN		G UNIT SHALE	316.0		
		F UNIT SHALE	324.1		
		E UNIT CARB	347.6		
		D UNIT SALT	0.		
		C UNIT SHALE	384.3		
		MARKER	392.8		
		B UNIT SALT	0.		
		ANHY	407.0		
		CARB	410.6		
		A-2 UNIT SALT	0.		
		ANHY	422.5		
		CARB	429.8		
		A-1 UNIT EVAP	0.		
	GUELPH		428.8		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	538.7		
		IRONDEQUOIT	0.		
		REYNALES	550.6		
		THOROLD	553.8		
		GRIMSBY	554.8		
	CATARACT	CABOT HEAD	574.9		
		MANITOULIN	589.2		
		WHIRLPOOL	593.9		
ORDOVICIAN		QUEENSTON	596.2		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 603.0P MOC 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
594.0- 561.0	1634 M3/D	5781 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	28.2	HANGING	28.2
219MM	35.7KG	139.2	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
15.0- 697.0	GRNL	15.0- 697.0	CALP
139.0- 602.0	DENL	141.0- 602.0	LATL

CORING RECORD

CONDITION STORED

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

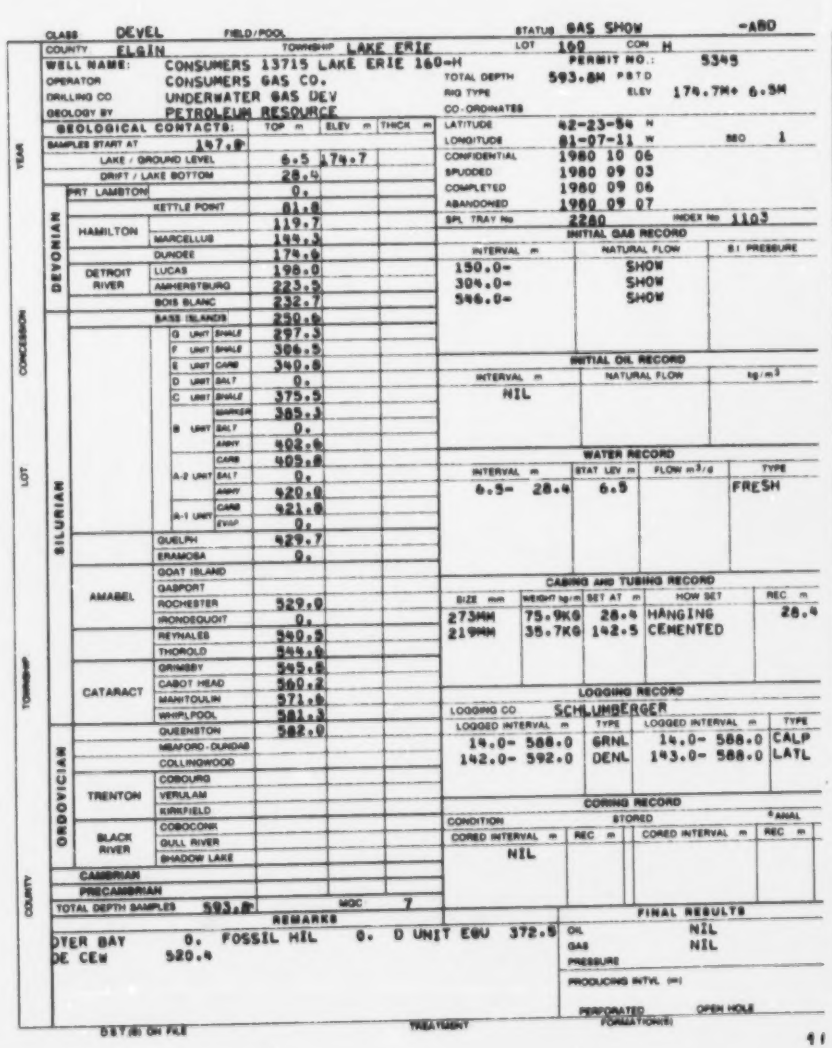
PRODUCING INTVL (m)

PERFORATED FORMATION(S) OPEN HOLE

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 379.6
B UNIT EQU 397.8 DE CEW 518.3
SPRINGVALE AT BASE OF BOIS BLANC

1 DST(S) ON FILE TREATMENT



CLASS DEVEL FIELD/POOL STATUS GAS SHOW -ABD
COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 100 CON H
WELL NAME: CONSUMERS 13715 LAKE ERIE 160-H PERMIT NO.: 5345
OPERATOR CONSUMERS GAS CO.
DRILLING CO UNDERWATER GAS DEV
GEOLOGY BY PETROLEUM RESOURCE

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 147.0					
LAKE / GROUND LEVEL			6.5	174.7	
DRIFT / LAKE BOTTOM			28.4		
DEVONIAN	PRT LAMBTON		0.		
	HAMILTON	KETTLE POINT	81.8		
			119.7		
		MARCELLUS	149.3		
		DUNDEE	179.0		
	DETROIT RIVER	LUCAS	198.0		
		AMHERSTBURG	223.5		
		BOIS BLANC	232.7		
		BASS ISLANDS	250.6		
SILURIAN		G UNIT SHALE	297.3		
		F UNIT SHALE	306.5		
		E UNIT CARB	340.8		
		D UNIT SALT	0.		
		C UNIT SHALE	375.5		
		MARKER	385.3		
		B UNIT SALT	0.		
		ANHY	402.6		
		CARB	405.8		
		A-2 UNIT SALT	0.		
		ANHY	420.0		
		CARB	421.8		
		A-1 UNIT EVAP	0.		
	GUELPH		429.7		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	529.9		
		IRONDEQUOIT	0.		
		REYNALES	540.5		
		THOROLD	544.6		
	CATARACT	GRIMSBY	545.8		
		CABOT HEAD	560.2		
		MANITOULIN	571.6		
		WHIRLPOOL	581.3		
ORDOVICIAN	QUEENSTON		582.0		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 593.0 MDC 7

REMARKS
OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 372.9
DE CEW 520.4

TOTAL DEPTH 593.8M PBTD
RIG TYPE ELEV 174.7M+ 6.5M
CO-ORDINATES
LATITUDE 42-23-56 N
LONGITUDE 81-07-11 W SEQ 1
CONFIDENTIAL 1980 10 06
SPUDDED 1980 09 03
COMPLETED 1980 09 06
ABANDONED 1980 09 07
SPL TRAY No 2280 INDEX No 1103

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
150.0-	SHOW	
304.0-	SHOW	
546.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
6.5- 28.4	6.5		FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	28.4	HANGING	28.4
219MM	35.7KG	142.5	CEMENTED	

LOGGING RECORD
LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
14.0- 588.0	GRNL	14.0- 588.0	CALP
142.0- 592.0	DENL	143.0- 588.0	LATL

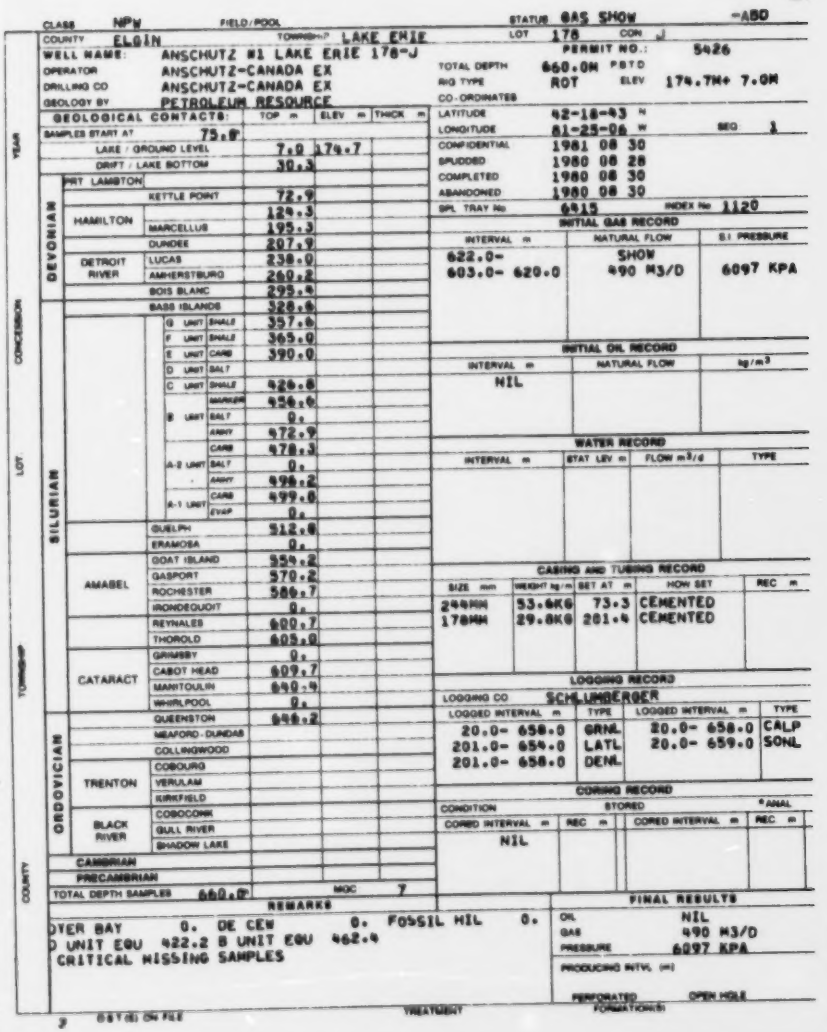
CORING RECORD

CONDITION	STORED		ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

FINAL RESULTS
OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

41



CLASS NPW FIELD/POOL STATUS GAS SHOW -ABD
COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 178 CON J
WELL NAME: ANSCHUTZ #1 LAKE ERIE 178-J PERMIT NO.: 5426
OPERATOR ANSCHUTZ-CANADA EX
DRILLING CO ANSCHUTZ-CANADA EX
GEOLOGY BY PETROLEUM RESOURCE

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 75.0					
LAKE / GROUND LEVEL			7.0	174.7	
DRIFT / LAKE BOTTOM			30.3		
DEVONIAN	PRT LAMBTON				
	HAMILTON	KETTLE POINT	72.9		
		MARCELLUS	124.3		
		DUNDEE	195.3		
	DETROIT RIVER	LUCAS	207.9		
		AMHERSTBURG	238.9		
		BOIS BLANC	260.2		
		BASS ISLANDS	295.4		
SILURIAN		G UNIT SHALE	328.6		
		F UNIT SHALE	357.6		
		E UNIT CARB	365.9		
		D UNIT SALT	390.0		
		C UNIT SHALE			
		MARKER	426.8		
		B UNIT SALT	456.6		
		ANHY	0.		
		CARB	472.9		
		A-2 UNIT SALT	478.3		
		ANHY	0.		
		A-1 UNIT CARB	498.2		
		EVAP	499.8		
	GUELPH		0.		
	ERAMOSA		512.6		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	559.2		
		ROCHESTER	570.2		
		IRONDEQUOIT	586.7		
		REYNALES	0.		
		THOROLD	600.7		
	CATARACT	GRIMSBY	605.8		
		CABOT HEAD	0.		
		MANITOULIN	609.7		
		WHIRLPOOL	640.9		
ORDOVICIAN	QUEENSTON		0.		
	MEAFORD-DUNDAS		648.2		
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 660.0 MDC 7

REMARKS
OYER BAY 0. DE CEW 0. FOSSIL HIL 0.
D UNIT EQU 422.2 B UNIT EQU 462.4
CRITICAL MISSING SAMPLES

TOTAL DEPTH 660.0M PBTD
RIG TYPE ROT ELEV 174.7M+ 7.0M
CO-ORDINATES
LATITUDE 42-18-43 N
LONGITUDE 81-25-06 W SEQ 1
CONFIDENTIAL 1981 08 30
SPUDDED 1980 08 28
COMPLETED 1980 08 30
ABANDONED 1980 08 30
SPL TRAY No 6515 INDEX No 1120

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
622.0-	SHOW	
603.0- 620.0	490 M3/D	6097 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
244MM	53.6KG	73.3	CEMENTED	
178MM	29.8KG	201.4	CEMENTED	

LOGGING RECORD
LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 658.0	GRNL	20.0- 658.0	CALP
201.0- 654.0	LATL	20.0- 659.0	SONL
201.0- 658.0	DENL		

CORING RECORD

CONDITION	STORED		ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

FINAL RESULTS
OIL NIL
GAS 490 M3/D
PRESSURE 6097 KPA
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

2 DST(S) ON FILE TREATMENT

ELGIN COUNTY

69

CLASS NPW FIELD/POOL STATUS GAS SHOW -ABD

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 179 CON J

WELL NAME: ANSCHUTZ #2 LAKE ERIE 179-J
OPERATOR ANSCHUTZ-CANADA EX
DRILLING CO UNDERWATER GAS DEV
GEOLOGY BY PETROLEUM RESOURCE

PERMIT NO.: 5427
TOTAL DEPTH 689.0M PBTD
RIG TYPE ROT ELEV 174.6M+ 6.4M
CO-ORDINATES

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 89.9					
LAKE / GROUND LEVEL			6.4	174.6	
DRIFT / LAKE BOTTOM			29.3		
DEVONIAN	PRT LAMBTON				
		KETTLE POINT	87.0		
	HAMILTON		126.0		
		MARCELLUS	192.0		
		DUNDEE	211.6		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	261.6		
		BOIS BLANC	282.3		
		BASS ISLANDS	341.0		
SILURIAN		G UNIT SHALE	367.3		
		F UNIT SHALE	379.0		
		E UNIT CARB	400.9		
		D UNIT SALT	0.		
		C UNIT SHALE	439.4		
		MARKER	459.0		
		B UNIT SALT	0.		
		ANHY	475.0		
		CARB	489.4		
		A-2 UNIT SALT	0.		
		ANHY	499.0		
		CARB	501.3		
		A-1 UNIT EVAP	0.		
	GUELPH		512.6		
	ERAMOSA		0.		
	GOAT ISLAND				
	AMABEL	GASPORT	579.8		
		ROCHESTER	586.0		
		IRONDEQUOIT	0.		
		REYNALES	602.7		
		THOROLD	605.4		
	CATARACT	GRIMSBY	608.4		
		CABOT HEAD	612.8		
		MANITOULIN	638.8		
		WHIRLPOOL	644.1		
ORDOVICIAN	QUEENSTON		645.8		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 657.3		MOC 7			

LATITUDE 42-18-39 N
LONGITUDE 81-20-58 W SEQ 1
CONFIDENTIAL 1981 09 20
SPUDDED 1980 09 17
COMPLETED 1980 09 20
ABANDONED 1980 09 20
SPL TRAY No 6134 INDEX No 1115

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B1 PRESSURE
609.0- 615.0	343 M3/D	6027 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
244MM	54.0KG	85.2	CEMENTED	
178MM	30.0KG	197.2	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 657.5	GRNL	20.0- 657.5	CALP
157.0- 657.5	DENL	157.0- 657.5	SONL
157.0- 657.5	LATL		

CORING RECORD

CONDITION STORED %ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DE CEW 0. DYER BAY 0. D UNIT EGU 434.7
B UNIT EGU 465.3 FOSSIL HIL 602.4
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

1 DST(S) ON FILE TREATMENT

CLASS EXTEN FIELD/POOL STATUS DRY HOLE -ABD

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 181 CON C

WELL NAME: CONSUMERS 13733 LAKE ERIE 181-C
OPERATOR CONSUMERS GAS CO.
DRILLING CO UNDERWATER GAS DEV
GEOLOGY BY PETROLEUM RESOURCE

PERMIT NO.: 5436
TOTAL DEPTH 627.0M PBTD
RIG TYPE ROT ELEV 174.7M+ 6.2M
CO-ORDINATES

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 66.9					
LAKE / GROUND LEVEL			6.2	174.7	
DRIFT / LAKE BOTTOM			28.9		
DEVONIAN	PRT LAMBTON				
		KETTLE POINT	58.8		
	HAMILTON		107.7		
		MARCELLUS	0.		
		DUNDEE	197.0		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	250.7		
		BOIS BLANC	269.5		
		BASS ISLANDS	305.2		
SILURIAN		G UNIT SHALE	350.6		
		F UNIT SHALE	350.2		
		E UNIT CARB	382.8		
		D UNIT SALT	0.		
		C UNIT SHALE	421.0		
		MARKER	430.3		
		B UNIT SALT	0.		
		ANHY	496.0		
		CARB	452.3		
		A-2 UNIT SALT	0.		
		ANHY	468.9		
		A-1 UNIT CARB	473.8		
		EVAP	0.		
	GUELPH		482.3		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	499.0		
		GASPORT	523.0		
		ROCHESTER	557.8		
		IRONDEQUOIT	0.		
	CATARACT	REYNALES	579.3		
		THOROLD	579.6		
		GRIMSBY	581.8		
		CABOT HEAD	587.4		
		MANITOULIN	609.4		
		WHIRLPOOL	613.7		
ORDOVICIAN	QUEENSTON		615.2		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 627.0		MOC 7			

LATITUDE 42-19-27 N
LONGITUDE 81-12-12 W SEQ 1
CONFIDENTIAL 1981 09 16
SPUDDED 1980 09 12
COMPLETED 1980 09 16
ABANDONED 1980 09 16
SPL TRAY No 5628 INDEX No 1111

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B1 PRESSURE
142.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	28.9	HANGING	28.9
244MM	53.6KG	67.2	CEMENTED	
178MM	29.8KG	255.0	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 254.2	SONL	255.0- 625.0	LATL
20.0- 625.5	GRNL	20.0- 625.5	DENL
20.0- 625.5	CALP		

CORING RECORD

CONDITION STORED %ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DYER BAY 0. D UNIT EGU 416.0 B UNIT EGU 437.3
DE CEW 544.8 FOSSIL HIL 577.2
POOR AGREEMENT BETWEEN LOG AND SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

CLASS EXTEN FIELD/POOL STATUS GAS PRODUCER

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 101 CON V

WELL NAME: CONSUMERS 13734 LAKE ERIE 101-U PERMIT NO.: 5437

OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 656.0M PBTD

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.3M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

LATITUDE 42-15-46 N

LONGITUDE 81-10-41 W SEQ 1

CONFIDENTIAL 1981 09 04

SPUDDED 1980 09 01

COMPLETED 1980 09 04

ABANDONED

SPL TRAY No 6212 INDEX No 1118

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 96.0					
LAKE / GROUND LEVEL			6.3	174.7	
DRIFT / LAKE BOTTOM			29.4		
DEVONIAN	PRT LAMBTON		0.		
	HAMILTON	KETTLE POINT	95.5		
		MARCELLUS	138.0		
		DUNDEE	200.1		
	DETROIT RIVER	LUCAS	222.7		
		AMHERSTBURG	241.2		
		BOIS BLANC	258.0		
		BASS ISLANDS	289.0		
SILURIAN		G UNIT SHALE	305.5		
		F UNIT SHALE	330.1		
		E UNIT CARB	358.1		
		D UNIT SALT	381.0		
		C UNIT SHALE	0.		
		B UNIT MARKER	419.3		
		B UNIT SALT	440.3		
		B UNIT ANHY	0.		
		B UNIT CARB	454.7		
		A-2 UNIT SALT	460.4		
		A-2 UNIT ANHY	0.		
		A-1 UNIT CARB	475.0		
		A-1 UNIT EVAP	477.5		
	GUELPH		0.		
	ERAMOSA		484.5		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	585.4		
		IRONDEQUOIT	0.		
		REYNALES	597.9		
		THOROLD	602.6		
	CATARACT	GRIMSBY	605.2		
		CABOT HEAD	616.3		
		MANITOULIN	634.7		
		WHIRLPOOL	640.8		
ORDOVICIAN	QUEENSTON		641.5		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLED 654.0 MOC 7

REMARKS

DYER BAY 0. FOSSIL HIL 0. D UNIT EGU 414.6
B UNIT EGU 446.6 DE CEW 575.1
SPRINGVALE AT BASE OF BOIS BLANC

1 DST(S) ON FILE TREATMENT

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
111.0-	SHOW	
177.0-	SHOW	
198.0- 200.0	SHOW	
302.0-	SHOW	
601.0- 609.0	10705 M3/D	5987 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	29.4	HANGING	29.4
244MM	53.6KG	95.3	CEMENTED	
178MM	29.8KG	245.4	CEMENTED	
114MM	14.4KG	653.8	CEMENTED	
60MM	7.0KG	597.5	HANGING	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 652.5	GRNL	20.0- 652.5	CALP
244.5- 655.3	DENL	248.0- 650.5	LATL
210.0- 652.5	SONL	586.0- 643.0	CMPL

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

FINAL RESULTS

OIL NIL

GAS 10705 M3/D

PRESSURE 5987 KPA

PRODUCING INTVL (m) 609.5- 607.5

PERFORATED YES OPEN HOLE

FORMATION(S) GRIMSBY

41

CLASS NPW FIELD/POOL STATUS DRY HOLE -ABD

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 101 CON Y

WELL NAME: CONSUMERS 13735 LAKE ERIE 101-Y PERMIT NO.: 5438

OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 665.0M PBTD

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.3M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

LATITUDE 42-15-18 N

LONGITUDE 81-14-35 W SEQ 1

CONFIDENTIAL 1981 08 26

SPUDDED 1980 08 23

COMPLETED 1980 08 26

ABANDONED 1980 08 27

SPL TRAY No 4690 INDEX No 1106

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 93.0					
LAKE / GROUND LEVEL			6.3	174.7	
DRIFT / LAKE BOTTOM			29.5		
DEVONIAN	PRT LAMBTON		0.		
	HAMILTON	KETTLE POINT	92.7		
		MARCELLUS	136.2		
		DUNDEE	165.2		
	DETROIT RIVER	LUCAS	216.6		
		AMHERSTBURG	234.4		
		BOIS BLANC	253.0		
		BASS ISLANDS	282.0		
SILURIAN		G UNIT SHALE	305.4		
		F UNIT SHALE	341.5		
		E UNIT CARB	348.8		
		D UNIT SALT	372.0		
		C UNIT SHALE	0.		
		B UNIT MARKER	406.7		
		B UNIT SALT	439.1		
		B UNIT ANHY	0.		
		B UNIT CARB	454.2		
		A-2 UNIT SALT	459.1		
		A-2 UNIT ANHY	0.		
		A-1 UNIT CARB	473.7		
		A-1 UNIT EVAP	477.4		
	GUELPH		0.		
	ERAMOSA		480.0		
	AMABEL	GOAT ISLAND	0.		
		GASPORT			
		ROCHESTER	603.0		
		IRONDEQUOIT	0.		
		REYNALES	613.0		
		THOROLD	618.6		
	CATARACT	GRIMSBY	620.3		
		CABOT HEAD	632.0		
		MANITOULIN	647.5		
		WHIRLPOOL	653.4		
ORDOVICIAN	QUEENSTON		654.6		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLED 663.0 MOC 7

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EGU 404.1
B UNIT EGU 446.6 DE CEW 589.5
SPRINGVALE AT BASE OF BOIS BLANC

1 DST(S) ON FILE TREATMENT

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
483.0-	SHOW	
477.0- 485.5	1121 M3/D	5548 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	29.5	HANGING	29.5
244MM	53.6KG	92.6	CEMENTED	
178MM	29.8KG	242.3	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 659.0	GRNL	20.0- 659.0	CALP
242.0- 663.0	DENL	244.0- 659.3	LATL
20.0- 661.5	SONL		

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

ELGIN COUNTY

CLASS DEVEL FIELD/POOL

COUNTY ELGIN TOWNSHIP LAKE ERIE STATUS GAS SHOW -ABD

WELL NAME: CONSUMERS 13716 LAKE ERIE 182-0
OPERATOR CONSUMERS GAS CO.
DRILLING CO UNDERWATER GAS DEV
GEOLOGY BY PETROLEUM RESOURCE

LOT 182 CON Q
PERMIT NO.: 5327
TOTAL DEPTH 635.0M PBTD
RIG TYPE ROT ELEV 174.7M+ 6.4M
CO-ORDINATES
LATITUDE 42-17-35 N
LONGITUDE 81-09-01 W SEQ 1
CONFIDENTIAL 1980 07 12
SPUDDED 1980 06 09
COMPLETED 1980 06 12
ABANDONED 1980 06 13
SPL TRAY No 2336 INDEX No 1093

GEOLOGICAL CONTACTS:

			TOP m	ELEV m	THICK m
SAMPLES START AT			87.0		
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			29.2		
DEVONIAN	PRT LAMBTON				
	HAMILTON	KETTLE POINT	74.0		
		MARCELLUS	123.8		
		DUNDEE	188.2		
	DETROIT RIVER	LUCAS	211.1		
		AMHERSTBURG	230.0		
		BOIS BLANC	255.6		
		BASS ISLANDS	282.0		
SILURIAN		G UNIT SHALE	312.5		
		F UNIT SHALE	351.1		
		E UNIT CARB	397.6		
		D UNIT SALT	381.3		
		C UNIT SHALE	0.		
		MARKER	418.7		
		B UNIT SALT?	428.9		
		ANHY	0.		
		CARB	444.0		
		A-2 UNIT SALT	450.0		
		ANHY	0.		
		CARB	465.0		
		A-1 UNIT EVAP	467.3		
	GUELPH		0.		
	ERAMOSA		474.2		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	500.5		
		ROCHESTER	512.2		
		IRONDEQUOIT	567.3		
		REYNALES	0.		
		THOROLD	577.5		
	CATARACT	GRIMSBY	581.5		
		CABOT HEAD	586.6		
		MANITOULIN	592.0		
		WHIRLPOOL	617.3		
ORDOVICIAN		QUEENSTON	619.5		
		MEAFORD-DUNDAS	620.3		
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			636.0	MOC	7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
579.0- 588.0	1422 M3/D	5908 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	29.1	HANGING	29.1
244MM	53.6KG	87.3	CEMENTED	
178MM	29.8KG	233.2	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
25.0- 634.5	GRNL	25.0- 634.5	CALP
25.0- 634.5	DENL	250.0- 630.5	LATL

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

REMARKS

DYER BAY 0. FOSSIL HIL 0. D UNIT EQU 415.0
B UNIT EQU 435.4 DE CEW 552.4
SPRINGVALE AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT ACID

41

CLASS DEVEL FIELD/POOL

COUNTY ELGIN TOWNSHIP LAKE ERIE STATUS DRY HOLE -ABD

WELL NAME: CONSUMERS 13699 LAKE ERIE 183-0
OPERATOR CONSUMERS GAS CO.
DRILLING CO UNDERWATER GAS DEV
GEOLOGY BY PETROLEUM RESOURCE

LOT 183 CON B
PERMIT NO.: 5234
TOTAL DEPTH 620.0M PBTD
RIG TYPE ROT ELEV 174.7M+ 6.4M
CO-ORDINATES
LATITUDE 42-18-48 N
LONGITUDE 81-03-39 W SEQ 1
CONFIDENTIAL 1980 07 09
SPUDDED 1980 06 04
COMPLETED 1980 06 09
ABANDONED 1980 06 09
SPL TRAY No 3962 INDEX No 1091

GEOLOGICAL CONTACTS:

			TOP m	ELEV m	THICK m
SAMPLES START AT			88.0		
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			28.7		
DEVONIAN	PRT LAMBTON				
	HAMILTON	KETTLE POINT	87.3		
		MARCELLUS	151.0		
		DUNDEE	194.8		
	DETROIT RIVER	LUCAS	201.8		
		AMHERSTBURG	0.		
		BOIS BLANC	237.3		
		BASS ISLANDS	260.5		
SILURIAN		G UNIT SHALE	275.6		
		F UNIT SHALE	306.3		
		E UNIT CARB	313.6		
		D UNIT SALT	336.9		
		C UNIT SHALE	0.		
		MARKER	379.2		
		B UNIT SALT?	393.5		
		ANHY	0.		
		CARB	407.7		
		A-2 UNIT SALT	412.4		
		ANHY	0.		
		CARB	429.6		
		A-1 UNIT EVAP	429.6		
	GUELPH		0.		
	ERAMOSA		431.2		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	450.9		
		ROCHESTER	461.8		
		IRONDEQUOIT	555.3		
		REYNALES	0.		
		THOROLD	566.9		
	CATARACT	GRIMSBY	569.6		
		CABOT HEAD	574.3		
		MANITOULIN	581.9		
		WHIRLPOOL	604.2		
ORDOVICIAN		QUEENSTON	608.9		
		MEAFORD-DUNDAS	609.8		
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			618.0	MOC	7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
568.0- 575.0		5713 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE
436.0- 447.0			SALT
513.0- 525.0			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	28.7	HANGING	28.7
244MM	53.6KG	87.6	CEMENTED	
178MM	29.8KG	228.2	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
28.0- 619.0	GRNL	28.0- 619.0	CALP
28.0- 619.0	DENL		

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 371.3
B UNIT EQU 400.0 DE CEW 530.3
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

41

CLASS DEVEL FIELD/POOL STATUS DRY HOLE -ABD

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 183 CON K

WELL NAME: CONSUMERS 13700 LAKE ERIE 183-K PERMIT NO.: 5235

OPERATOR: CONSUMERS GAS CO.

DRILLING CO: UNDERWATER GAS DEV TOTAL DEPTH 626.0M P.B.T.D. RIG TYPE ROT ELEV. 174.7M+ 6.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE 42-17-48 N

LONGITUDE 81-00-58 W SEQ 1

CONFIDENTIAL 1980 06 30

SPUDDED 1980 05 26

COMPLETED 1980 05 30

ABANDONED 1980 05 31

SPL. TRAY No 2096 INDEX No 1088

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 91.4P					
LAKE / GROUND LEVEL			6.5	174.7	
DRIFT / LAKE BOTTOM			28.8		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT	81.1		
	HAMILTON	MARCELLUS	156.6		
		DUNDEE	187.0		
	DETROIT RIVER	LUCAS	206.8		
		AMHERSTBURG	227.4		
		BOIS BLANC	242.7		
		BASS ISLANDS	269.6		
SILURIAN		G UNIT SHALE	280.5		
		F UNIT SHALE	317.2		
		E UNIT CARB	328.6		
		D UNIT SALT	346.9		
		C UNIT SHALE	0.		
		MARKER	390.7		
		B UNIT SALT	409.6		
		ANHY	0.		
		CARB	429.9		
		A-2 UNIT SALT	429.7		
		ANHY	0.		
		CARB	436.6		
		A-1 UNIT EVAP	438.7		
	GUELPH		441.3		
	ERAMOSA		442.3		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	461.3		
		ROCHESTER	477.6		
		IRONDEQUOIT	557.8		
		REYNALES	0.		
		THOROLD	569.0		
	CATARACT	GRIMSBY	573.5		
		CABOT HEAD	577.0		
		MANITOULIN	587.5		
		WHIRLPOOL	607.0		
ORDOVICIAN		QUEENSTON	612.2		
		MEAFORD-DUNDAS	613.2		
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 623.4P MOC 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
570.0- 576.0		5561 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	28.8	HANGING	28.8
244MM	53.6KG	91.3	CEMENTED	
178MM	29.8KG	226.7	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
27.0- 625.5	GRNL	240.0- 622.0	LATL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
572.8- 590.3	16.9P		

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EGU 393.3
B UNIT EGU 409.9 DE CEW 526.0
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE 5561 KPA
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

1 D.S.T.(S) ON FILE TREATMENT

CLASS DEVEL FIELD/POOL STATUS DRY HOLE -ABD

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 183 CON V

WELL NAME: CONSUMERS 13701 LAKE ERIE 183-V PERMIT NO.: 5236

OPERATOR: CONSUMERS GAS CO.

DRILLING CO: UNDERWATER GAS DEV TOTAL DEPTH 651.0M P.B.T.D. RIG TYPE ROT ELEV. 174.7M+ 6.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE 42-15-11 N

LONGITUDE 81-01-34 W SEQ 1

CONFIDENTIAL 1980 07 04

SPUDDED 1980 05 31

COMPLETED 1980 06 04

ABANDONED 1980 06 04

SPL. TRAY No 4687 INDEX No 1105

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 97.4P					
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			29.1		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT	94.5		
	HAMILTON	MARCELLUS	172.0		
		DUNDEE	202.8		
	DETROIT RIVER	LUCAS	223.1		
		AMHERSTBURG	240.7		
		BOIS BLANC	259.9		
		BASS ISLANDS	283.6		
SILURIAN		G UNIT SHALE	308.9		
		F UNIT SHALE	349.2		
		E UNIT CARB	356.6		
		D UNIT SALT	379.4		
		C UNIT SHALE	0.		
		MARKER	417.6		
		B UNIT SALT	428.9		
		ANHY	0.		
		CARB	443.0		
		A-2 UNIT SALT	448.7		
		ANHY	0.		
		CARB	460.5		
		A-1 UNIT EVAP	462.7		
	GUELPH		465.6		
	ERAMOSA		467.1		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	486.0		
		ROCHESTER	490.4		
		IRONDEQUOIT	577.6		
		REYNALES	0.		
		THOROLD	588.5		
	CATARACT	GRIMSBY	591.6		
		CABOT HEAD	593.5		
		MANITOULIN	609.0		
		WHIRLPOOL	629.8		
ORDOVICIAN		QUEENSTON	634.9		
		MEAFORD-DUNDAS	635.8		
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 651.0P MOC 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
146.0- 238.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	29.1	HANGING	29.1
244MM	53.6KG	96.6	CEMENTED	
178MM	29.8KG	234.7	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
28.0- 645.0	GRNL	234.0- 650.0	DENL
250.0- 646.0	LATL		

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
342.0- 351.0	9.0		

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EGU 414.0
B UNIT EGU 435.1 DE CEW 552.0
SPRINGVALE AT BASE OF BOIS BLANC
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

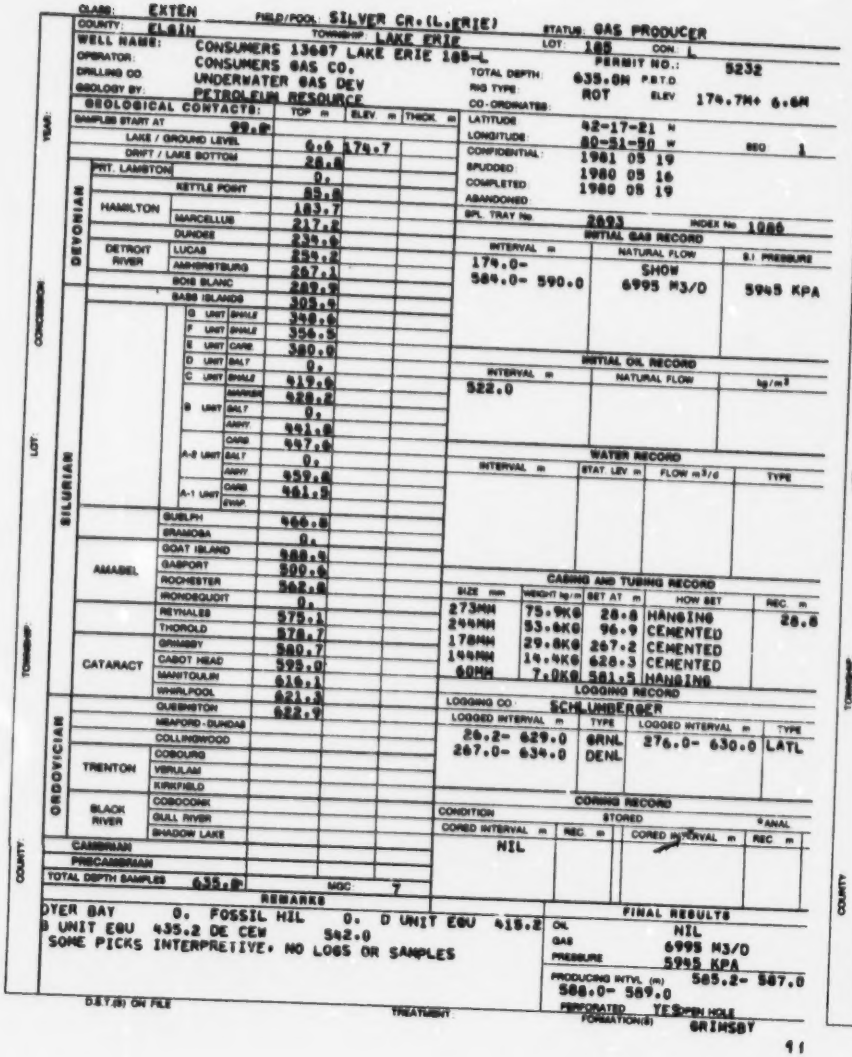
FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

11

ELGIN COUNTY



CLASS: EXTEN FIELD/POOL: SILVER CR.(L.ERIE) STATUS: GAS PRODUCER
COUNTY: ELGIN TOWNSHIP: LAKE ERIE LOT: 185 CON: L
WELL NAME: CONSUMERS 13607 LAKE ERIE 185-L PERMIT NO.: 5232
OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 635.0M P.B.T.D.
DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+ 6.6M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:

			TOP m	ELEV. m	THICK. m
SAMPLES START AT			99.0		
LAKE / GROUND LEVEL			0.0	174.7	
DRIFT / LAKE BOTTOM			28.8		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	85.0		
		MARCELLUS	183.7		
	DETROIT RIVER	DUNDEE	217.2		
		LUCAS	239.0		
		AMHERSTBURG	254.2		
		BOIS BLANC	267.1		
		BASS ISLANDS	289.9		
SILURIAN		G UNIT SHALE	303.0		
		F UNIT SHALE	340.0		
		E UNIT CARB	356.5		
		D UNIT SALT	380.0		
		C UNIT SHALE	0.		
		B UNIT MARKER	419.0		
		SALT	428.2		
		ANHY	0.		
		CARB	441.0		
	A-2 UNIT	SALT	447.0		
		ANHY	0.		
		CARB	459.0		
	A-1 UNIT	EVAP.	461.2		
	GUELPH		466.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	488.9		
		GASPORT	500.6		
		ROCHESTER	562.8		
		IRONDEQUOIT	0.		
		REYNALES	575.1		
	CATARACT	THOROLD	578.7		
		GRIMSBY	580.7		
		CABOT HEAD	595.0		
		MANITOULIN	616.1		
		WHIRLPOOL	621.3		
ORDOVICIAN		QUEENSTON	622.9		
		MEAFORD-DUNDAS			
	TRENTON	COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			635.0	MOC	7

REMARKS
OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 418.2
B UNIT EQU 435.2 DE CEW 542.0
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
174.0- 584.0- 590.0	SHOW 6995 M3/D	5945 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
522.0		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	28.8	HANGING	28.8
244MM	53.6KG	96.9	CEMENTED	
178MM	29.8KG	267.2	CEMENTED	
114MM	14.4KG	628.3	CEMENTED	
60MM	7.0KG	581.5	HANGING	

LOGGING RECORD
LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
26.2- 629.0	GRNL	276.0- 630.0	LATL
267.0- 634.0	DENL		

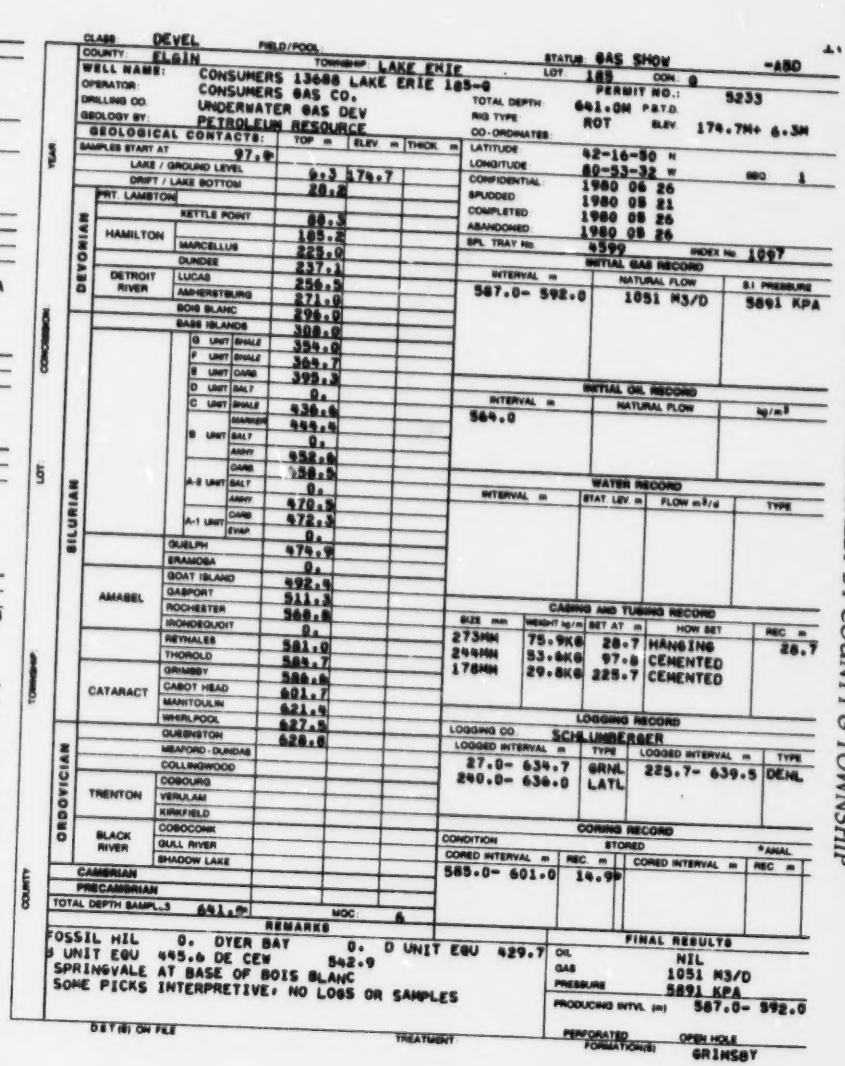
CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

FINAL RESULTS
OIL: NIL
GAS: 6995 M3/D
PRESSURE: 5945 KPA
PRODUCING INTVL (m): 585.2- 587.0
588.0- 589.0
PERFORATED: YES OPEN HOLE
FORMATION(S): GRIMSBY

D.S.T.(S) ON FILE
TREATMENT

91



CLASS: DEVEL FIELD/POOL:
COUNTY: ELGIN TOWNSHIP: LAKE ERIE STATUS: GAS SHOW -ABD
WELL NAME: CONSUMERS 13688 LAKE ERIE 185-G LOT: 185 CON: G
OPERATOR: CONSUMERS GAS CO. PERMIT NO.: 5233
DRILLING CO: UNDERWATER GAS DEV TOTAL DEPTH: 641.0M P.B.T.D.
GEOLOGY BY: PETROLEUM RESOURCE RIG TYPE: ROT ELEV: 174.7M+ 6.3M
CO-ORDINATES:

GEOLOGICAL CONTACTS:

			TOP m	ELEV. m	THICK. m
SAMPLES START AT			97.0		
LAKE / GROUND LEVEL			0.3	174.7	
DRIFT / LAKE BOTTOM			28.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	80.3		
		MARCELLUS	185.2		
	DETROIT RIVER	DUNDEE	225.0		
		LUCAS	237.1		
		AMHERSTBURG	256.5		
		BOIS BLANC	271.0		
		BASS ISLANDS	290.0		
SILURIAN		G UNIT SHALE	308.0		
		F UNIT SHALE	339.0		
		E UNIT CARB	364.7		
		D UNIT SALT	399.3		
		C UNIT SHALE	0.		
		B UNIT MARKER	436.0		
		SALT	444.9		
		ANHY	0.		
		CARB	452.0		
	A-2 UNIT	SALT	458.9		
		ANHY	0.		
		CARB	470.3		
	A-1 UNIT	EVAP.	472.3		
	GUELPH		0.		
	ERAMOSA		474.9		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	492.9		
		ROCHESTER	511.3		
		IRONDEQUOIT	568.8		
		REYNALES	0.		
	CATARACT	THOROLD	581.0		
		GRIMSBY	584.7		
		CABOT HEAD	588.6		
		MANITOULIN	601.7		
		WHIRLPOOL	621.9		
ORDOVICIAN		QUEENSTON	627.5		
		MEAFORD-DUNDAS	628.8		
	TRENTON	COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			641.0	MOC	6

REMARKS
FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 429.7
B UNIT EQU 445.6 DE CEW 542.9
SPRINGVALE AT BASE OF BOIS BLANC
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
587.0- 592.0	1051 M3/D	5891 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
564.0		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	28.7	HANGING	28.7
244MM	53.6KG	97.8	CEMENTED	
178MM	29.8KG	225.7	CEMENTED	

LOGGING RECORD
LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
27.0- 634.7	GRNL	225.7- 639.5	DENL
240.0- 636.0	LATL		

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
585.0- 601.0	14.9			

FINAL RESULTS
OIL: NIL
GAS: 1051 M3/D
PRESSURE: 5891 KPA
PRODUCING INTVL (m): 587.0- 592.0
PERFORATED: OPEN HOLE
FORMATION(S): GRIMSBY

D.S.T.(S) ON FILE
TREATMENT

WELL SUMMARY CARDS LISTED ALPHABETICALLY BY COUNTY & TOWNSHIP

CLASS NPW FIELD/POOL STATUS GAS PRODUCER

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 186 CON J

WELL NAME: CONSUMERS 13678 LAKE ERIE 186-J PERMIT NO.: 5268

OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 622.0M PBTD 606.0M

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.7M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

LATITUDE 42-18-02 N SEQ 1

LONGITUDE 80-45-06 W

CONFIDENTIAL 1981 09 22

SPUDDED 1980 09 18

COMPLETED 1980 09 22

ABANDONED

SPL TRAY No 2565 INDEX No 1108

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 138.0					
	LAKE / GROUND LEVEL		6.7	174.7	
	DRIFT / LAKE BOTTOM		28.8		
DEVONIAN	PRT LAMBTON				
	HAMILTON	KETTLE POINT	88.6		
		MARCELLUS	176.0		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	227.4		
		AMHERSTBURG	0.		
		BOIS BLANC	260.5		
		BASS ISLANDS	285.9		
SILURIAN		G UNIT SHALE	305.0		
		F UNIT SHALE	339.0		
		E UNIT CARB	345.3		
		D UNIT SALT	368.7		
		C UNIT SHALE	0.		
		MARKER	405.4		
		B UNIT SALT	416.1		
		ANHY	0.		
		CARB	429.6		
		A-2 UNIT SALT	435.7		
		ANHY	0.		
		CARB	447.4		
		A-1 UNIT EVAP	449.0		
		GUELPH	0.		
		ERAMOSA	450.4		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	521.6		
		ROCHESTER	529.0		
		IRONDEQUOIT	549.2		
		REYNALES	0.		
	CATARACT	THOROLD	562.0		
		GRIMSBY	566.6		
		CABOT HEAD	569.0		
		MANITOULIN	582.0		
		WHIRLPOOL	605.4		
		QUEENSTON	0.		
ORDOVICIAN		MEAFORD - DUNDAS	612.0		
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 622.0 MOC 6

REMARKS

DYER BAY 0. D UNIT EQU 401.0 B UNIT EQU 422.2
DE CEW 535. FOSSIL HIL 564.6
SPRINGVALE AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES

1 DST(S) ON FILE TREATMENT

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I PRESSURE
168.0- 565.0- 575.0	5041 M3/D	5758 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE
455.0- 520.0			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	28.7	HANGING	28.7
219MM	35.7KG	136.5	CEMENTED	
114MM	14.1KG	616.4	CEMENTED	
60MM	7.0KG	562.9	HANGING	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
15.0- 617.0	GRNL	15.0- 617.0	CALP
137.0- 620.5	DENL	137.5- 617.5	LATL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

FINAL RESULTS

OIL NIL
GAS 5041 M3/D
PRESSURE 5758 KPA

PRODUCING INTVL (m) 568.0- 568.5
571.0- 571.5 573.5- 575.0

PERFORATED YES OPEN HOLE

FORMATION(S) THOROLD GRIMSBY

CLASS DEVEL FIELD/POOL STATUS GAS SHOW -ABD

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 186 CON 0

WELL NAME: CONSUMERS 13686 LAKE ERIE 186-0 PERMIT NO.: 5231

OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 535.0M PBTD

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.5M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

LATITUDE 42-17-29 N SEQ 1

LONGITUDE 80-49-45 W

CONFIDENTIAL 1980 06 15

SPUDDED 1980 05 11

COMPLETED 1980 05 15

ABANDONED 1980 05 16

SPL TRAY No 2510 INDEX No 1087

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 96.0					
	LAKE / GROUND LEVEL		6.5	174.7	
	DRIFT / LAKE BOTTOM		27.1		
DEVONIAN	PRT LAMBTON		83.6		
	HAMILTON	KETTLE POINT	104.8		
		MARCELLUS	179.7		
		DUNDEE	214.9		
	DETROIT RIVER	LUCAS	230.7		
		AMHERSTBURG	246.0		
		BOIS BLANC	262.0		
		BASS ISLANDS	285.0		
SILURIAN		G UNIT SHALE	300.0		
		F UNIT SHALE	340.1		
		E UNIT CARB	348.7		
		D UNIT SALT	373.5		
		C UNIT SHALE	0.		
		MARKER	410.7		
		B UNIT SALT	416.9		
		ANHY	0.		
		CARB	437.2		
		A-2 UNIT SALT	440.0		
		ANHY	0.		
		CARB	452.3		
		A-1 UNIT EVAP	454.9		
		GUELPH	459.0		
		ERAMOSA	0.		
	AMABEL	GOAT ISLAND	519.9		
		GASPORT	540.8		
		ROCHESTER	550.2		
		IRONDEQUOIT	0.		
		REYNALES	571.0		
	CATARACT	THOROLD	574.9		
		GRIMSBY	576.7		
		CABOT HEAD	591.7		
		MANITOULIN	611.9		
		WHIRLPOOL	618.1		
		QUEENSTON	619.0		
ORDOVICIAN		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 535.0 MOC 7

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 407.2
B UNIT EQU 422.4 DE CEW 549.5
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

DST(S) ON FILE TREATMENT

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I PRESSURE
572.0- 581.0	160 M3/D	5670 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	28.6	HANGING	28.6
244MM	53.6KG	96.5	CEMENTED	
178MM	29.8KG	250.4	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
25.0- 634.5	GRNL	221.2- 634.5	DENL
260.0- 628.5	LATL		

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

CLASS: NPW FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: ELGIN TOWNSHIP: LAKE ERIE LOT: 217 CON: D

WELL NAME: CONSUMERS 13702 LAKE ERIE 217-D PERMIT NO.: 5237

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 670.0M PBTD:

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+ 6.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-14-02 N

LONGITUDE: 81-08-30 W SEC: 1

CONFIDENTIAL: 1981 06 17

SPUDDED: 1980 06 14

COMPLETED: 1980 06 17

ABANDONED: 1980 06 17

SPL TRAY No: 4201 INDEX No: 1094

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 99.0					
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			29.5		
DEVONIAN	PRT. LAMBTON		81.5		
	KETTLE POINT		97.0		
	HAMILTON		148.5		
		MARCELLUS	228.7		
	DUNDEE		234.4		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	269.6		
		BOIS BLANC	298.6		
		BASS ISLANDS	329.0		
SILURIAN		G UNIT SHALE	360.6		
		F UNIT SHALE	368.2		
		E UNIT CARB	391.6		
		D UNIT SALT	0.		
		C UNIT SHALE	420.3		
		MARKER	442.0		
		B UNIT SALT	0.		
		ANHY	456.4		
		CARB	462.0		
		A-2 UNIT SALT	0.		
		ANHY	475.3		
		A-1 UNIT CARB	477.6		
		EVAP	480.5		
	GUELPH		481.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	595.3		
		IRONDEQUOIT	0.		
		REYNALES	606.3		
		THOROLD	611.1		
	CATARACT	GRIMSBY	613.2		
		CABOT HEAD	624.0		
		MANITOULIN	644.0		
		WHIRLPOOL	650.2		
ORDOVICIAN		QUEENSTON	651.1		
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 669.0 MOC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	BI PRESSURE
210.0- 213.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
447.6-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	29.5	HANGING	29.5
244MM	53.6KG	96.8	CEMENTED	
178MM	29.8KG	244.6	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
25.0- 668.5	GRNL	25.0- 668.5	CALP
25.0- 668.5	DENL		

CORING RECORD

CONDITION: STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. D UNIT EQU 423.4
B UNIT EQU 448.5 DE CEW 575.5
SPRINGVALE AT BASE OF BOIS BLANC
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED: OPEN HOLE:
FORMATION(S):

D.S.T.(S) ON FILE: TREATMENT:

11

CLASS: NPW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: ELGIN TOWNSHIP: LAKE ERIE LOT: 218 CON: D

WELL NAME: ANSCHUTZ #4 LAKE ERIE 218-D PERMIT NO.: 5429

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 675.9M PBTD:

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV: 174.6M+ 6.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-14-17 N

LONGITUDE: 81-13-23 W SEC: 1

CONFIDENTIAL: 1981 09 09

SPUDDED: 1980 09 06

COMPLETED: 1980 09 09

ABANDONED: 1980 09 09

SPL TRAY No: 6141 INDEX No: 1117

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 85.0					
LAKE / GROUND LEVEL			6.5	174.6	
DRIFT / LAKE BOTTOM			31.0		
DEVONIAN	PRT. LAMBTON				
	KETTLE POINT		82.4		
	HAMILTON		157.9		
		MARCELLUS	218.2		
	DUNDEE		242.0		
	DETROIT RIVER	LUCAS	277.4		
		AMHERSTBURG	292.5		
		BOIS BLANC	320.8		
		BASS ISLANDS	349.6		
SILURIAN		G UNIT SHALE	382.8		
		F UNIT SHALE	390.5		
		E UNIT CARB	414.4		
		D UNIT SALT	0.		
		C UNIT SHALE	452.9		
		MARKER	469.8		
		B UNIT SALT	0.		
		ANHY	484.4		
		CARB	489.3		
		A-2 UNIT SALT	0.		
		ANHY	504.7		
		A-1 UNIT CARB	507.3		
		EVAP	0.		
	GUELPH		510.8		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	566.5		
		GASPORT	0.		
		ROCHESTER	601.3		
		IRONDEQUOIT	0.		
		REYNALES	617.3		
		THOROLD	620.7		
	CATARACT	GRIMSBY	622.3		
		CABOT HEAD	630.3		
		MANITOULIN	658.5		
		WHIRLPOOL	0.		
ORDOVICIAN		QUEENSTON	661.9		
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 675.9 MOC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	BI PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
339.0-		SHOW	

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
244MM	53.6KG	85.0	CEMENTED	
178MM	29.8KG	204.8	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 675.1	GRNL	20.0- 675.1	CALP
20.0- 675.0	SONL	206.0- 675.0	DENL
206.0- 675.0	LATL		

CORING RECORD

CONDITION: STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. D UNIT EQU 447.0
B UNIT EQU 476.2 DE CEW 593.3
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED: OPEN HOLE:
FORMATION(S):

4 D.S.T.(S) ON FILE: TREATMENT:

CLASS DEVEL FIELD/POOL STATUS GAS PRODUCER

COUNTY ELGIN TOWNSHIP LAKE ERIE LOT 244 CON B

WELL NAME: ANSCHUTZ #4 LAKE ERIE 244-B PERMIT NO.: 5428

OPERATOR ANSCHUTZ-CANADA EX TOTAL DEPTH 715.0M PBTD

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.7M+ 6.4M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

LATITUDE 42-09-18 N

LONGITUDE 81-26-26 W SEQ 1

CONFIDENTIAL 1980 09 20

SPUDDED 1980 08 17

COMPLETED 1980 08 20

ABANDONED

SPL TRAY No 6367 INDEX No 1119

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 90.0					
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			30.9		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	91.7		
		MARCELLUS	145.4		
	DETROIT RIVER	DUNDEE	222.5		
		LUCAS	260.6		
		AMHERSTBURG	272.5		
		BOIS BLANC	323.2		
		BASS ISLANDS	340.2		
SILURIAN		G UNIT SHALE	376.6		
		F UNIT SHALE	384.0		
		E UNIT CARB	408.0		
		D UNIT SALT	0.		
		C UNIT SHALE	447.4		
		MARKER	469.2		
		B UNIT SALT	0.		
		ANHY	0.		
		CARB	482.7		
		A-2 UNIT SALT	0.		
		ANHY	501.7		
		CARB	503.2		
		A-1 UNIT EVAP	0.		
		GUELPH	510.2		
		ERAMOSA	0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	637.7		
		IRONDEQUOIT	0.		
		REYNALES	652.7		
		THOROLD	0.		
	CATARACT	GRIMSBY	657.0		
		CABOT HEAD	668.0		
		MANITOULIN	697.4		
		WHIRLPOOL	0.		
ORDOVICIAN		QUEENSTON	702.6		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 715.0			MOC		7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I PRESSURE
355.0-	SHOW	
276.0-	SHOW	
506.0- 525.0	5409 M3/D	5813 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
244MM	53.5KG	91.9	CEMENTED	
178MM	29.8KG	199.8	CEMENTED	
114MM	14.1KG	500.7	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 714.0	GRNL	20.0- 714.0	CALP
203.0- 714.0	DENL	203.0- 714.0	LATL
20.0- 714.0	SONL	445.0- 538.5	CMPL

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

REMARKS

DYER BAY 0. FOSSIL HIL 0. D UNIT EQU 442.5
B UNIT EQU 475.0 DE CEW 632.6
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS 5409 M3/D
PRESSURE 5768 KPA
PRODUCING INTVL (m) 510.8- 511.7
513.7- 518.5
PERFORATED YES OPEN HOLE
FORMATION(S) GUELPH

2 DST(S) ON FILE TREATMENT 11

CLASS NPW FIELD/POOL STATUS GAS SHOW -ABD

COUNTY ELGIN TOWNSHIP MALAHIDE LOT 21 CON I

WELL NAME: CONSUMERS 33119 MALAHIDE 4-21-1 PERMIT NO.: 5381

OPERATOR CONSUMERS GAS CO. TOTAL DEPTH 441.0M PBTD

DRILLING CO ROSE; MURRAY RIG TYPE CAB ELEV 204.8M+ 1.0M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES 975.4M S; 109.7M E

LATITUDE 42-39-58 N

LONGITUDE 80-56-03 W SEQ 1

CONFIDENTIAL 1981 07 02

SPUDDED 1980 05 28

COMPLETED 1980 07 02

ABANDONED 1980 07 09

SPL TRAY No 2440 INDEX No 1096

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 80.0					
LAKE / GROUND LEVEL				204.8	
DRIFT / LAKE BOTTOM			1.0		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS	79.3		
	DETROIT RIVER	DUNDEE	83.0		
		LUCAS	110.7		
		AMHERSTBURG	131.8		
		BOIS BLANC	153.0		
		BASS ISLANDS	174.0		
SILURIAN		G UNIT SHALE	195.0		
		F UNIT SHALE	200.4		
		E UNIT CARB	224.4		
		D UNIT SALT	0.		
		C UNIT SHALE	262.0		
		MARKER	287.0		
		B UNIT SALT	0.		
		ANHY	300.4		
		CARB	304.8		
		A-2 UNIT SALT	0.		
		ANHY	317.7		
		CARB	320.4		
		A-1 UNIT EVAP	0.		
		GUELPH	324.7		
		ERAMOSA	0.		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	0.		
		ROCHESTER	417.9		
		IRONDEQUOIT	0.		
		REYNALES	433.7		
		THOROLD	436.6		
	CATARACT	GRIMSBY	440.3		
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 446.0			MOC		7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I PRESSURE
435.5- 436.3	SHOW	
83.0-	SHOW	
228.0- 249.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
93.0		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE
228.0- 249.0			SULPHUR
331.0-			SULPHUR
339.0-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	60.2KG	79.9	CASING SHOE	79.9
219MM	35.7KG	90.2	CASING SHOE	90.2
178MM	29.8KG	209.0	CEMENTED	150.9

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 444.5	GRNL	205.0- 444.5	DENL

CORING RECORD

CONDITION	STORED		*AN	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

REMARKS

DE CEW 0. D UNIT EQU 257.0 B UNIT EQU 293.0
FOSSIL HIL 434.6
COLUMBUS FACIES PRESENT IN LUCAS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT 11

ELGIN COUNTY

CLASS NFW FIELD/POOL STATUS DRY HOLE -ABD

COUNTY ELGIN TOWNSHIP MALAHIDE LOT 25 CON I

WELL NAME: CONSUMERS 33202 MALAHIDE 5-25-1 PERMIT NO.: 5501

OPERATOR CONSUMERS GAS CO.

DRILLING CO ROSE, MURRAY

GEOLOGY BY PETROLEUM RESOURCE

GEOLOGICAL CONTACTS:		TOP m	ELEV m	THICK m
SAMPLES START AT		89.0		
LAKE / GROUND LEVEL			206.2	
DRIFT / LAKE BOTTOM		1.0		
DEVONIAN	PRT LAMBTON			
	HAMILTON — KETTLE POINT	0.		
	HAMILTON — MARCELLUS	82.0		
	HAMILTON — DUNDEE	0.		
	DETROIT RIVER — LUCAS	89.7		
	DETROIT RIVER — AMHERSTBURG	102.5		
	DETROIT RIVER — BOIS BLANC	126.0		
	BASS ISLANDS	170.2		
SILURIAN	G UNIT SHALE	195.6		
	F UNIT SHALE	214.3		
	E UNIT CARB	220.4		
	D UNIT SALT	246.5		
	C UNIT SHALE	0.		
	B UNIT SHALE	284.7		
	B UNIT MARKER	293.1		
	B UNIT SALT	0.		
	B UNIT ANHY	307.4		
	B UNIT CARB	311.6		
	A-2 UNIT SALT	0.		
	A-2 UNIT ANHY	325.6		
	A-2 UNIT CARB	327.5		
	A-1 UNIT EVAP	0.		
	GUELPH	330.2		
	ERAMOSA	0.		
	AMABEL — GOAT ISLAND			
	AMABEL — GASPORT			
	AMABEL — ROCHESTER	424.0		
	AMABEL — IRONDEQUOIT	0.		
	CATARACT — REYNALES	436.6		
	CATARACT — THOROLD	439.9		
	CATARACT — GRIMSBY	442.5		
	CATARACT — CABOT HEAD	453.3		
	CATARACT — MANITOULIN			
	CATARACT — WHIRLPOOL			
ORDOVICIAN	QUEENSTON			
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON — COBOURG			
	TRENTON — VERULAM			
	TRENTON — KIRKFIELD			
	BLACK RIVER — COBOCONK			
	BLACK RIVER — GULL RIVER			
	BLACK RIVER — SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				

TOTAL DEPTH SAMPLES 459.0 MOC 7

TOTAL DEPTH 460.0M PBTD

RIG TYPE CAB ELEV 206.2M+ 1.0M

CO-ORDINATES 1111.0M S; 189.0M E

LATITUDE 42-39-52 N

LONGITUDE 80-54-47 W SEC 1

CONFIDENTIAL 1980 11 17

SPUDDED 1980 10 10

COMPLETED 1980 11 13

ABANDONED 1980 11 17

SPL TRAY No 6586 INDEX No 1122

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
341.0-			SULPHUR
355.0-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	60.2KG	81.7	CASING SHOE	81.7
219MM	35.7KG	93.4	CASING SHOE	93.4
178MM	29.8KG	213.0	CEMENTED	125.6

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 458.0	GRNL	12.0- 458.0	DENL

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EGU 280.4
B UNIT EGU 299.5 DE CEW 420.3

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

DST (S) ON FILE TREATMENT FORMATION(S)

CLASS NFW FIELD/POOL STATUS LOST HOLE -ABD

COUNTY ELGIN TOWNSHIP YARMOUTH LOT 16 CON II

WELL NAME: CONSUMERS 33206 YARMOUTH 6-16-II PERMIT NO.: 5528

OPERATOR CONSUMERS GAS CO.

DRILLING CO ROSE, MURRAY

GEOLOGY BY

GEOLOGICAL CONTACTS:		TOP m	ELEV m	THICK m
SAMPLES START AT		m		
LAKE / GROUND LEVEL			219.2	
DRIFT / LAKE BOTTOM		1.5		
DEVONIAN	PRT LAMBTON			
	HAMILTON — KETTLE POINT			
	HAMILTON — MARCELLUS			
	HAMILTON — DUNDEE			
	DETROIT RIVER — LUCAS			
	DETROIT RIVER — AMHERSTBURG			
	DETROIT RIVER — BOIS BLANC			
	BASS ISLANDS			
SILURIAN	G UNIT SHALE			
	F UNIT SHALE			
	E UNIT CARB			
	D UNIT SALT			
	C UNIT SHALE			
	B UNIT MARKER			
	B UNIT SALT			
	B UNIT ANHY			
	B UNIT CARB			
	A-2 UNIT SALT			
	A-2 UNIT ANHY			
	A-2 UNIT CARB			
	A-1 UNIT EVAP			
	GUELPH			
	ERAMOSA			
	AMABEL — GOAT ISLAND			
	AMABEL — GASPORT			
	AMABEL — ROCHESTER			
	AMABEL — IRONDEQUOIT			
	CATARACT — REYNALES			
	CATARACT — THOROLD			
	CATARACT — GRIMSBY			
	CATARACT — CABOT HEAD			
	CATARACT — MANITOULIN			
	CATARACT — WHIRLPOOL			
ORDOVICIAN	QUEENSTON			
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON — COBOURG			
	TRENTON — VERULAM			
	TRENTON — KIRKFIELD			
	BLACK RIVER — COBOCONK			
	BLACK RIVER — GULL RIVER			
	BLACK RIVER — SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				

TOTAL DEPTH SAMPLES m MOC

TOTAL DEPTH 87.0M PBTD

RIG TYPE CAB ELEV 219.2M+ 1.5M

CO-ORDINATES 684.3M N; 125.0M E

LATITUDE 42-40-17 N

LONGITUDE 81-07-01 W SEC 1

CONFIDENTIAL 1981 11 26

SPUDDED 1980 11 21

COMPLETED 1980 11 26

ABANDONED 1980 12 01

SPL TRAY No INDEX No

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	87.0	CASING SHOE	79.7

LOGGING RECORD

LOGGING CO

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

NO SAMPLES
NO LOGS

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

DST (S) ON FILE TREATMENT FORMATION(S)

41

CLASS DEVEL FIELD/POOL STATUS SALT WATER -ABD

COUNTY ESSEX TOWNSHIP GOSFIELD NORTH LOT 14 CON IX

WELL NAME G.E.L. #8 GOSFIELD NORTH 8-14-IX

OPERATOR GAISWINKLER

DRILLING CO NEWPORT, LORNE T.

GEOLOGY BY PETROLEUM RESOURCE

PERMIT NO.: 5206

TOTAL DEPTH 1017.1M PBTD

RIG TYPE CAB ELEV 191.9M+ 1.2M

CO-ORDINATES 511.5M N; 141.7M E

LATITUDE 42-08-38 N

LONGITUDE 82-43-37 W SEC 1

CONFIDENTIAL 1980 11 25

SPUDDED 1980 03 11

COMPLETED 1980 10 25

ABANDONED 1980 11 21

SPL TRAY No 7079 INDEX No 313

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			37.8		
LAKE / GROUND LEVEL				191.9	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	36.5		
	DETROIT RIVER	LUCAS	52.0		
		AMHERSTBURG	91.0		
		BOIS BLANC	159.8		
		BASS ISLANDS	180.1		
SILURIAN		G UNIT SHALE	224.0		
		F UNIT SHALE	230.7		
		E UNIT CARB	280.9		
		D UNIT SALT	0.		
		C UNIT SHALE	301.4		
		B UNIT MARKER	319.6		
		B UNIT SALT	0.		
		B UNIT ANHY	329.6		
		A-2 UNIT CARB	335.3		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY	357.6		
		A-1 UNIT CARB	361.6		
		A-1 UNIT EVAP	0.		
	GUELPH		379.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	429.5		
		GASPORT	452.0		
		ROCHESTER	489.6		
		IRONDEQUOIT	0.		
		REYNALES	0.		
		THOROLD	0.		
	CATARACT	GRIMSBY			
		CABOT HEAD	498.7		
		MANITOULIN	539.0		
		WHIRLPOOL	0.		
ORDOVICIAN	QUEENSTON		547.1		
	MEAFORD-DUNDAS		617.5		
	COLLINGWOOD		733.0		
	TRENTON	COBOURG	756.5		
		VERULAM	769.0		
		KIRKFIELD	810.2		
	BLACK RIVER	COBOCONK	846.1		
		GULL RIVER	860.5		
		SHADOW LAKE	1009.2		
CAMBRIAN			1012.2		
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 1017.2 MDC 5

REMARKS

DE CEW 0. FOSSIL HIL 0. D UNIT EQU 296.0
UNIT EQU 321.0 DYER BAY 498.8
COLUMBUS FACIES PRESENT IN LUCAS

DST(s) ON FILE TREATMENT

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	51 PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
35.0-	10.7		FRESH
54.9-	10.7		SULPHUR
396.4-	61.0		SALT
1017.1-	971.1		SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
340MM	71.4KG	36.6	CASING SHOE	36.6
273MM	60.3KG	50.3	CEMENTED	35.1
219MM	35.7KG	225.6	CEMENTED	207.9
178MM	29.8KG	498.4	CEMENTED	441.7

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
118.9-1017.4	GRNL	750.4- 778.5	DENL
1009.4-1016.8	DENL		

CORING RECORD

CONDITION	STORED		ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

CLASS OTHER FIELD/POOL STATUS DISPOSAL WELL

COUNTY ESSEX TOWNSHIP GOSFIELD SOUTH LOT 4 CON FCWD

WELL NAME PUTMAN-CANADA#3 GOSFIELD SOUTH 4-FCWD

OPERATOR GAISWINKLER

DRILLING CO NEWPORT WELLINGTON

GEOLOGY BY

PERMIT NO.: 5472

TOTAL DEPTH 396.2M PBTD

RIG TYPE CAB ELEV 190.8M+ .5M

CO-ORDINATES 219.3M S; 29.7M E

LATITUDE 42-03-02 N

LONGITUDE 82-34-38 W SEC 2

CONFIDENTIAL 1981 11 03

SPUDDED 1980 10 21

COMPLETED 1980 11 03

ABANDONED

SPL TRAY No INDEX No

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			m		
LAKE / GROUND LEVEL				190.8	
DRIFT / LAKE BOTTOM			0		
DEVONIAN	PRT LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG			
		BOIS BLANC			
		BASS ISLANDS			
SILURIAN		G UNIT SHALE			
		F UNIT SHALE			
		E UNIT CARB			
		D UNIT SALT			
		C UNIT SHALE			
		B UNIT MARKER			
		B UNIT SALT			
		B UNIT ANHY			
		A-2 UNIT CARB			
		A-2 UNIT SALT			
		A-2 UNIT ANHY			
		A-1 UNIT CARB			
		A-1 UNIT EVAP			
	GUELPH				
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES m MDC

REMARKS

NO SAMPLES
NO LOGS

DST(s) ON FILE TREATMENT

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	51 PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	15.0KG	30.2	CASING SHOE	
114MM	4.1KG	270.9	CEMENTED	

LOGGING RECORD

LOGGING CO

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION	STORED		ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE YES
FORMATION(S)

41

CLASS DEVEL FIELD/POOL STATUS DRY HOLE -ABD

COUNTY ESSEX TOWNSHIP MALDEN LOT 63 CON VI

WELL NAME: REALOIL #9 MALDEN 7-63-VI
OPERATOR: REAL OIL ENTERPRI.
DRILLING CO: NEWPORT WELLINGTON
GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5386
TOTAL DEPTH 702.3M PBTD
RIG TYPE CAB ELEV 179.3M+ .8M
CO-ORDINATES 229.3M NI 426.6M W
LATITUDE 42-02-43 N
LONGITUDE 83-01-33 W GEO 1
CONFIDENTIAL 1981 01 31
SPUDDED 1980 08 21
COMPLETED 1980 12 31
ABANDONED 1981 01 31
DPL TRAY No 7081 INDEX No 315

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			19.8		
LAKE / GROUND LEVEL				179.3	
DRIFT / LAKE BOTTOM			.8		
DEVONIAN	PRT LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS	8.		
		AMHERSTBURG	19.3		
		BOIS BLANC	47.0		
		BASS ISLANDS	63.0		
SILURIAN		G UNIT SHALE	129.0		
		F UNIT SHALE	137.0		
		E UNIT CARB	169.0		
		D UNIT SALT	0.		
		C UNIT SHALE	207.0		
		MARKER	222.0		
		B UNIT SALT	0.		
		ANHY	260.0		
		CARB	274.0		
		A-2 UNIT SALT	0.		
		ANHY	301.0		
		A-1 UNIT CARB	307.0		
		EVAP	0.		
	GUELPH		391.0		
	ERAMOSA		0.		
	GOAT ISLAND				
	AMABEL	GASPORT	388.0		
		ROCHESTER	395.0		
		IRONDEQUOIT	0.		
		REYNALES	400.0		
		THOROLD	0.		
	CATARACT	GRIMSBY	0.		
		CABOT HEAD	401.7		
		MANITOULIN	432.0		
		WHIRLPOOL	0.		
ORDOVICIAN		QUEENSTON	446.0		
		MEAFORD - DUNDAS	531.0		
		COLLINGWOOD	619.0		
	TRENTON	COBOURG	643.7		
		VERULAM	665.0		
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			701.8	MDC	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
19.8- 82.6-	7.6 9.1		FRESH SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	60.3KG	20.1	CASING SHOE	20.1
219MM	35.7KG	138.4	CASING SHOE	138.4
178MM	29.8KG	402.3	CEMENTED	374.3

LOGGING RECORD

LOGGING CO COMPUTA LOG

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
399.9- 702.3	GRNL		

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OYER BAY 0. FOSSIL MIL 0. DE CEW 0.
D UNIT EQU 206.0 B UNIT EQU 237.0
SYLVANIA FACIES PRESENT
CRITICAL MISSING SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

CLASS OTHER FIELD/POOL STATUS PETR PROD STORAGE

COUNTY ESSEX TOWNSHIP SANDWICH WEST LOT 59 CON I

WELL NAME: DOME STORAGE E5 SANDWICH WEST 59-I
OPERATOR: DOME PETROLEUM LTD
DRILLING CO: CORUNNA PETROLEUMS
GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5191
TOTAL DEPTH 489.8M PBTD
RIG TYPE ROT ELEV 179.5M+ 4.5M
CO-ORDINATES 84.4M SI 396.0M W
LATITUDE 42-17-06 N
LONGITUDE 83-04-40 W GEO 1
CONFIDENTIAL 1981 03 11
SPUDDED 1980 02 03
COMPLETED 1980 03 11
ABANDONED
DPL TRAY No 9131 INDEX No 311

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			m		
LAKE / GROUND LEVEL				179.5	
DRIFT / LAKE BOTTOM			4.5		
DEVONIAN	PRT LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	163.4		
		BOIS BLANC	199.5		
		BASS ISLANDS	215.0		
SILURIAN		G UNIT SHALE	260.1		
		F UNIT SHALE	265.6		
		E UNIT CARB	299.9		
		D UNIT SALT	360.2		
		C UNIT SHALE	380.1		
		MARKER	401.3		
		B UNIT SALT	409.3		
		ANHY			
		CARB			
		A-2 UNIT SALT			
		ANHY			
		CARB			
		A-1 UNIT EVAP			
	GUELPH				
	ERAMOSA				
	GOAT ISLAND				
	AMABEL	GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			m	MDC	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
508MM	139.9KG	80.0	CEMENTED	
340MM	81.2KG	415.9	CEMENTED	
219MM	35.7KG	453.5	HANGING	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
50.0- 407.0	CBND	400.0- 458.0	GRL

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
273.0- 290.0	17.0	307.0- 325.0	18.0
350.0- 367.0	8.5	375.4- 378.0	2.6
385.0- 394.0	8.6	412.0- 420.9	8.9

REMARKS

CRITICAL MISSING SAMPLES
LOST CIRCULATION ZONE
HEM SALT PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

41

CLASS OTHER FIELD/POOL STATUS STORAGE WELL

COUNTY ESSEX TOWNSHIP SANDWICH WEST LOT 59 CON I

WELL NAME: DOME STORAGE 87 SANDWICH WEST 59-I PERMIT NO.: 5526

OPERATOR DOME PETROLEUM LTD TOTAL DEPTH 498.0M PBTD

DRILLING CO CORUNNA PETROLEUMS RIG TYPE ROT ELEV 181.3M+ 5.1M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES 180.8M N; 308.0M E

GEOLOGICAL CONTACTS:		TOP m	ELEV m	THICK m
SAMPLES START AT 149.0				
LAKE / GROUND LEVEL			181.3	
DRIFT / LAKE BOTTOM		0.1		
DEVONIAN	PRT LAMBTON			
	KETTLE POINT			
	HAMILTON / MARCELLUS			
	DUNDEE			
	DETROIT RIVER / LUCAS	34.5		
	AMHERSTBURG	103.2		
	BOIS BLANC	155.0		
	BASS ISLANDS	201.8		
SILURIAN	G UNIT SHALE	209.6		
	F UNIT SHALE	209.9		
	E UNIT CARB	345.6		
	D UNIT SALT	373.9		
	C UNIT SHALE	382.9		
	MARLOW	390.9		
	B UNIT SALT	412.0		
	ANHY			
	CARB			
	A-2 UNIT SALT			
	ANHY			
	CARB			
	A-1 UNIT SALT			
	GUELPH			
	ERAMOSA			
ORDOVICIAN	AMABEL / GOAT ISLAND			
	GASPORT			
	ROCHESTER			
	IRONDEQUOIT			
	REYNALES			
	THOROLD			
	CATARACT / GRIMSBY			
	CABOT HEAD			
	MANITOULIN			
	WHIRLPOOL			
	QUEENSTON			
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON / COBOURG			
	VERULAM			
	RIMFIELD			
	BLACK RIVER / COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 349.0		MDC	&	

PERMIT NO.: 5526

TOTAL DEPTH 498.0M PBTD

RIG TYPE ROT ELEV 181.3M+ 5.1M

CO-ORDINATES 180.8M N; 308.0M E

LATITUDE 42-17-12 N

LONGITUDE 83-04-33 W MDC 1

CONFIDENTIAL 1980 01 16

SPUDDED 1980 12 03

COMPLETED 1980 12 16

ABANDONED

SPL TRAY No 3615 INDEX No 312

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	BI PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
508MM	140.0KG	133.0	CEMENTED	
340MM	81.8KG	418.0	CEMENTED	
219MM	35.7KG	440.0	HANGING	
114MM	14.1KG	453.8	HANGING	

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 414.0	GRNL	100.0- 414.0	CALP

CORING RECORD

CONDITION	STORED		ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

D UNIT EQU 0. B UNIT EQU 0.
SPHINGVALE AT BASE OF BOIS BLANC
CRITICAL MISSING SAMPLES
WF= SALT PRESENT
WE= SALT PRESENT

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

TREATMENT ACID

DST(S) ON FILE

CLASS DEVEL FIELD/POOL STATUS GAS PRODUCER

COUNTY HALDIMAND TOWNSHIP LAKE ERIE LOT 13 CON V

WELL NAME: PLACE-MITCH #15 LAKE ERIE 15-V PERMIT NO.: 5367

OPERATOR MITCHELL, ELGIN TOTAL DEPTH 348.7M PBTD 336.8M

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.3M+ 5.8M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

GEOLOGICAL CONTACTS:		TOP m	ELEV m	THICK m
SAMPLES START AT 120.0				
LAKE / GROUND LEVEL		5.8	174.3	
DRIFT / LAKE BOTTOM				
DEVONIAN	PRT LAMBTON	0.		
	KETTLE POINT	0.		
	HAMILTON / MARCELLUS	0.		
	DUNDEE			
	DETROIT RIVER / LUCAS			
	AMHERSTBURG			
	BOIS BLANC	68.5		
	BASS ISLANDS	76.1		
SILURIAN	G UNIT SHALE	92.2		
	F UNIT SHALE	98.8		
	E UNIT CARB	120.9		
	D UNIT SALT	0.		
	C UNIT SHALE	157.2		
	MARLOW	169.3		
	B UNIT SALT	0.		
	ANHY	179.8		
	CARB	181.6		
	A-2 UNIT SALT	0.		
	ANHY	193.2		
	CARB	199.9		
	A-1 UNIT SHALE	0.		
	GUELPH	199.6		
	ERAMOSA	0.		
ORDOVICIAN	AMABEL / GOAT ISLAND	222.9		
	GASPORT	229.9		
	ROCHESTER	275.7		
	IRONDEQUOIT	289.9		
	REYNALES	290.6		
	THOROLD	293.0		
	CATARACT / GRIMSBY	299.8		
	CABOT HEAD	311.8		
	MANITOULIN	0.		
	WHIRLPOOL	328.0		
	QUEENSTON	331.8		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON / COBOURG			
	VERULAM			
	RIMFIELD			
	BLACK RIVER / COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 348.7		MDC	&	

PERMIT NO.: 5367

TOTAL DEPTH 348.7M PBTD 336.8M

RIG TYPE ROT ELEV 174.3M+ 5.8M

CO-ORDINATES

LATITUDE 42-45-13 N

LONGITUDE 80-06-29 W MDC 1

CONFIDENTIAL 1980 08 04

SPUDDED 1980 07 01

COMPLETED 1980 07 04

ABANDONED

SPL TRAY No 2577 INDEX No 628

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	BI PRESSURE
290.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
219MM	35.7KG	110.7	CEMENTED	17.4
114MM	14.1KG	348.6	CEMENTED	17.4
60MM	6.9KG	278.9	HANGING	17.4

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
30.0- 348.0	GRNL	30.0- 348.0	CALP
30.0- 348.0	DENL	110.0- 346.0	LATL
278.0- 336.0	CNPL		

CORING RECORD

CONDITION	STORED		ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DE CEN 0. FOSSIL HIL 0. DYER BAY 0.
D UNIT EQU 151.8 B UNIT EQU 170.4
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL

GAS 10457 M3/D

PRESSURE

PRODUCING INTVL (m) 294.5- 331.5

PERFORATED YES OPEN HOLE

FORMATION(S) THOROLD

WHIRLPOOL

TREATMENT ACID

DST(S) ON FILE

CLASS DEVEL FIELD/POOL STATUS GAS PRODUCER

COUNTY HALDIMAND TOWNSHIP LAKE ERIE LOT 16 CON P

WELL NAME: PLACE-MITCH #16 LAKE ERIE 16-P PERMIT NO.: 5409

OPERATOR MITCHELL ENERGY TOTAL DEPTH 339.6M PBTD

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.3M+ 6.5M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 93.0m					
LAKE / GROUND LEVEL			6.5	174.3	
DRIFT / LAKE BOTTOM			10.0		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG			
		BOIS BLANC	62.7		
SILURIAN		BASS ISLANDS	70.2		
		G UNIT SHALE	82.0		
		F UNIT SHALE	87.0		
		E UNIT CARB	110.1		
		D UNIT SALT	0.		
		C UNIT SHALE	147.0		
		B UNIT MARKER	154.5		
		B UNIT SALT	0.		
		B UNIT ANHY	167.7		
		A-2 UNIT CARB	170.7		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY	181.1		
		A-1 UNIT CARB	181.9		
		A-1 UNIT EVAP	0.		
	GUELPH		185.8		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	193.7		
		GASPORT	206.5		
		ROCHESTER	265.3		
		IRONDEQUOIT	280.2		
		REYNALES	281.9		
		THOROLD	284.2		
	CATARACT	GRIMSBY	286.9		
		CABOT HEAD	301.7		
		MANITOULIN	0.		
		WHIRLPOOL	318.9		
		QUEENSTON	322.3		
ORDOVICIAN		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 339.0m MOC 6

INITIAL GAS RECORD		
INTERVAL m	NATURAL FLOW	S.I. PRESSURE
244.0-		

INITIAL OIL RECORD		
INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD			
INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD				
SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
219MM	35.7KG	90.8	CEMENTED	18.6
114MM	14.1KG	337.1	CEMENTED	18.6
60MM	6.9KG	278.0	HANGING	18.6

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m		TYPE	LOGGED INTERVAL m		TYPE
17.0-	339.0	GRNL	17.0-	339.0	CALP
17.0-	339.0	DENL	91.0-	335.0	IES
265.0-	327.0	CMPL			

CORING RECORD				
CONDITION	STORED		°ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

REMARKS

DYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 141.7 B UNIT EQU 159.4
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS 1410 M3/D
PRESSURE
PRODUCING INTVL (m) 287.5- 321.9
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY WHIRLPOOL

DST(s) ON FILE TREATMENT

CLASS DEVEL FIELD/POOL STATUS GAS PRODUCER

COUNTY HALDIMAND TOWNSHIP LAKE ERIE LOT 16 CON S

WELL NAME: PLACE-MITCH #16 LAKE ERIE 16-S PERMIT NO.: 5366

OPERATOR MITCHELL ENERGY TOTAL DEPTH 339.6M PBTD 327.7M

DRILLING CO UNDERWATER GAS DEV RIG TYPE ROT ELEV 174.4M+13.1M

GEOLOGY BY PETROLEUM RESOURCE CO-ORDINATES

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 78.0m					
LAKE / GROUND LEVEL			13.1	174.4	
DRIFT / LAKE BOTTOM			20.5		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG			
		BOIS BLANC	52.6		
SILURIAN		BASS ISLANDS	58.3		
		G UNIT SHALE	70.5		
		F UNIT SHALE	74.1		
		E UNIT CARB	95.5		
		D UNIT SALT	0.		
		C UNIT SHALE	130.9		
		B UNIT MARKER	137.7		
		B UNIT SALT	0.		
		B UNIT ANHY	150.0		
		A-2 UNIT CARB	153.9		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY	162.9		
		A-1 UNIT CARB	164.9		
		A-1 UNIT EVAP			
	GUELPH		167.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	177.3		
		GASPORT	196.7		
		ROCHESTER	261.6		
		IRONDEQUOIT	277.3		
		REYNALES	278.0		
		THOROLD	280.9		
	CATARACT	GRIMSBY	284.1		
		CABOT HEAD	297.8		
		MANITOULIN	0.		
		WHIRLPOOL	313.5		
		QUEENSTON	316.5		
ORDOVICIAN		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 339.0m MOC 6

INITIAL GAS RECORD		
INTERVAL m	NATURAL FLOW	S.I. PRESSURE
172.0-		
286.0-		

INITIAL OIL RECORD		
INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD			
INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD				
SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
219MM	35.7KG	74.7	CEMENTED	20.3
114MM	14.1KG	335.3	CEMENTED	20.3
60MM	6.9KG	274.9	HANGING	20.3

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m		TYPE	LOGGED INTERVAL m		TYPE
74.5-	339.2	GRNL	74.5-	336.5	LATL
273.1-	329.0	CMPL	74.5-	339.2	DENL

CORING RECORD				
CONDITION	STORED		°ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

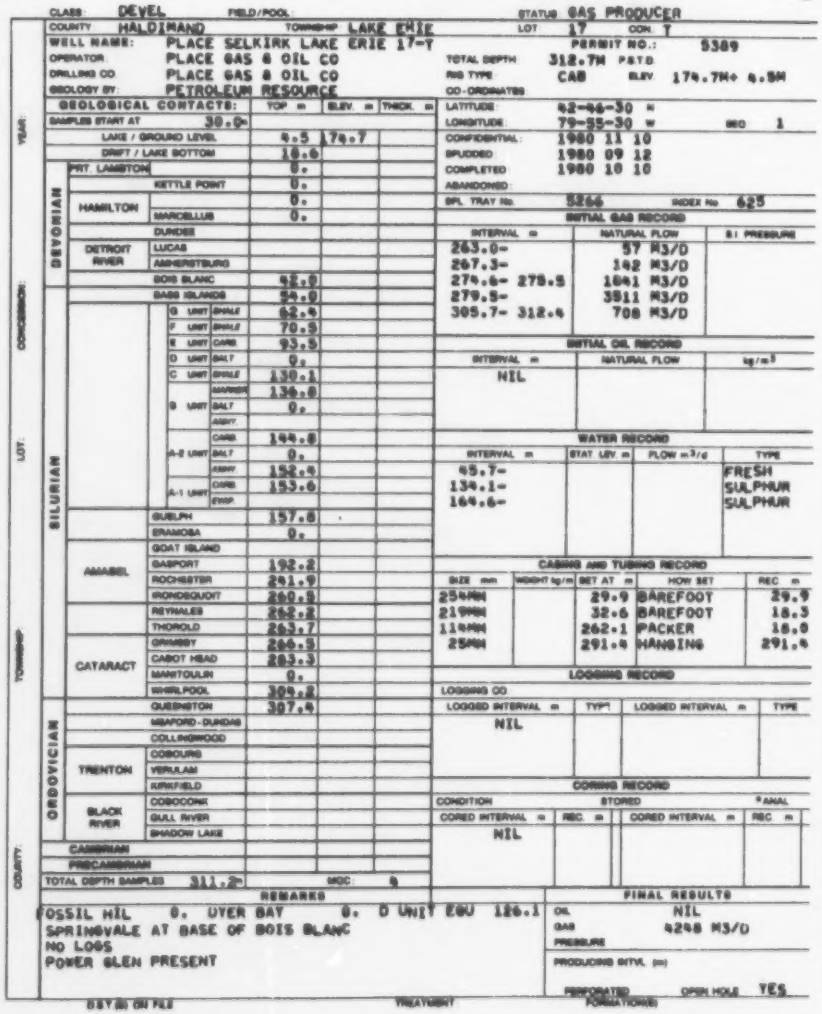
REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 125.6
B UNIT EQU 142.8 DE CEW 255.5
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS 1893 M3/D
PRESSURE
PRODUCING INTVL (m) 283.4- 293.7
PERFORATED YES OPEN HOLE
FORMATION(S) THOROLD GRIMSBY

DST(s) ON FILE TREATMENT



CLASS DEVEL FIELD/POOL STATUS GAS PRODUCER
COUNTY HALDIMAND TOWNSHIP LAKE ERIE LOT 17 CON. T
WELL NAME: PLACE SELKIRK LAKE ERIE 17-T PERMIT NO.: 5389
OPERATOR: PLACE GAS & OIL CO TOTAL DEPTH 312.7M P.B.T.D.
DRILLING CO: PLACE GAS & OIL CO RIG TYPE CAB ELEV. 174.7M+ 4.5M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES

GEOLOGICAL CONTACTS: TOP m | ELEV. m | THICK. m
SAMPLES START AT 30.0m
LAKE / GROUND LEVEL 4.5 174.7
DRIFT / LAKE BOTTOM 10.6
DEVONIAN: PRT. LAMBTON 0.
KETTLE POINT 0.
HAMILTON 0.
MARCELLUS 0.
DUNDEE
DETROIT RIVER: LUCAS
AMHERSTBURG
BOIS BLANC 42.0
BASS ISLANDS 54.0
SILURIAN: G UNIT SHALE 62.4
F UNIT SHALE 70.5
E UNIT CARB 93.5
D UNIT SALT 0.
C UNIT SHALE 130.1
MARKER 134.0
B UNIT SALT 0.
ANHY
CARB 144.0
A-2 UNIT SALT 0.
ANHY 152.4
CARB 153.6
A-1 UNIT EVAP
GUELPH 157.8
ERAMOSA 0.
GOAT ISLAND
AMABEL: GASPORT 192.2
ROCHESTER 201.9
IRONDEQUOIT 260.9
REYNALES 262.2
THOROLD 263.7
CATARACT: GRIMSBY 266.5
CABOT HEAD 283.3
MANITOULIN 0.
WHIRLPOOL 309.2
ORDOVICIAN: QUEENSTON 307.4
MEAFORD-DUNDAS
COLLINGWOOD
TRENTON: COBOURG
VERULAM
KIRKFIELD
BLACK RIVER: COBOCONK
GULL RIVER
SHADOW LAKE
CAMBRIAN
PRECAMBRIAN
TOTAL DEPTH SAMPLES 311.2m MDC 4

LATITUDE 42-46-30 N
LONGITUDE 79-55-30 W GEO 1
CONFIDENTIAL 1980 11 10
SPUDDED 1980 09 12
COMPLETED 1980 10 10
ABANDONED
SPL. TRAY No. 5266 INDEX No. 625

INITIAL GAS RECORD
INTERVAL m	NATURAL FLOW	B.I. PRESSURE
263.0=	57 M3/D	
267.3-	142 M3/D	
274.6- 279.5	1041 M3/D	
279.5-	3511 M3/D	
305.7- 312.4	708 M3/D	

INITIAL OIL RECORD
INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD
INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
45.7-			FRESH
134.1-			SULPHUR
164.6-			SULPHUR

CASING AND TUBING RECORD
SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
254MM		29.9	BAREFOOT	29.9
219MM		32.6	BAREFOOT	18.3
114MM		262.1	PACKER	18.0
25MM		291.4	HANGING	291.4

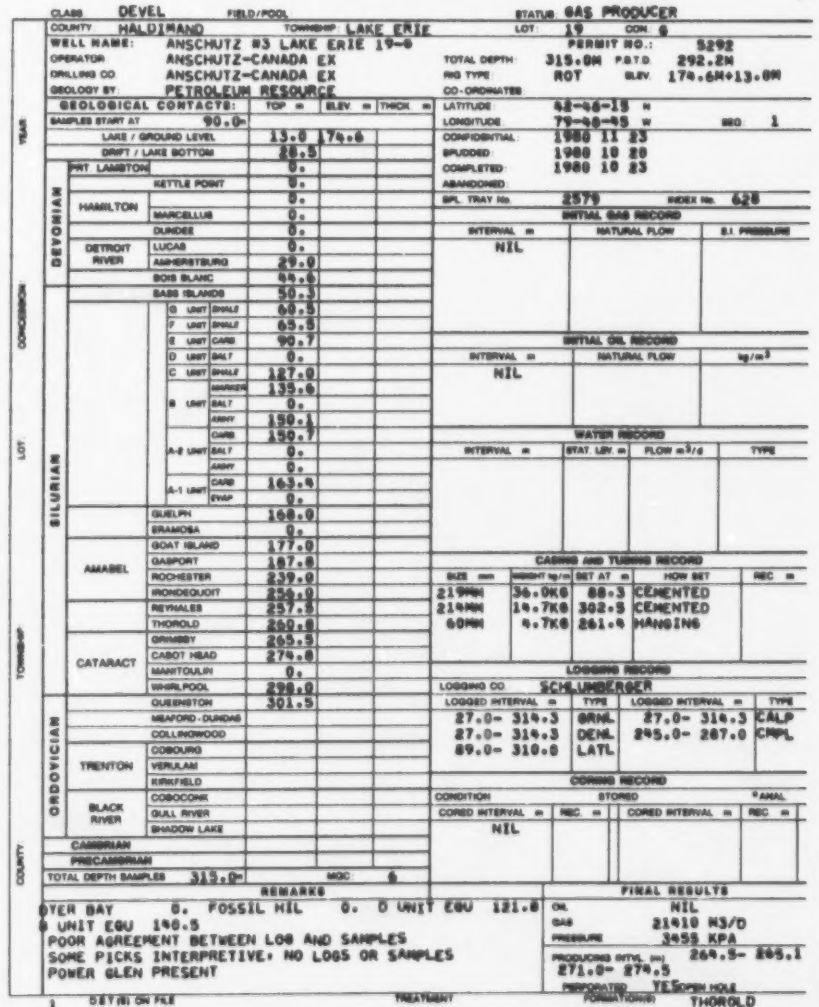
LOGGING RECORD
LOGGING CO
LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD
CONDITION STORED *ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC m
NIL			

REMARKS
FOSSIL HIL 0. UYER BAY 0. D UNIT EQU 126.1
SPRINGVALE AT BASE OF BOIS BLANC
NO LOGS
POWER GLEN PRESENT

FINAL RESULTS
OIL NIL
GAS 4248 M3/D
PRESSURE
PRODUCING INTVL (m)
PERFORATED YES OPEN HOLE
FORMATION(S)

DST(s) ON FILE TREATMENT



CLASS DEVEL FIELD/POOL STATUS GAS PRODUCER
COUNTY HALDIMAND TOWNSHIP LAKE ERIE LOT 19 CON. 6
WELL NAME: ANSCHUTZ #3 LAKE ERIE 19-6 PERMIT NO.: 5292
OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH 315.0M P.B.T.D. 292.2M
DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE ROT ELEV. 170.6M+13.0M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES

GEOLOGICAL CONTACTS: TOP m | ELEV. m | THICK. m
SAMPLES START AT 90.0m
LAKE / GROUND LEVEL 13.8 170.6
DRIFT / LAKE BOTTOM 28.5
DEVONIAN: PRT. LAMBTON 0.
KETTLE POINT 0.
HAMILTON 0.
MARCELLUS 0.
DUNDEE 0.
DETROIT RIVER: LUCAS 0.
AMHERSTBURG 29.0
BOIS BLANC 44.6
BASS ISLANDS 50.3
SILURIAN: G UNIT SHALE 60.5
F UNIT SHALE 65.5
E UNIT CARB 90.7
D UNIT SALT 0.
C UNIT SHALE 127.0
MARKER 135.6
B UNIT SALT 0.
ANHY 150.1
CARB 150.7
A-2 UNIT SALT 0.
ANHY 0.
CARB 163.4
A-1 UNIT EVAP 0.
GUELPH 168.0
ERAMOSA 0.
GOAT ISLAND 177.0
AMABEL: GASPORT 187.6
ROCHESTER 239.0
IRONDEQUOIT 256.0
REYNALES 257.5
THOROLD 260.8
CATARACT: GRIMSBY 265.5
CABOT HEAD 279.0
MANITOULIN 0.
WHIRLPOOL 298.0
ORDOVICIAN: QUEENSTON 301.5
MEAFORD-DUNDAS
COLLINGWOOD
TRENTON: COBOURG
VERULAM
KIRKFIELD
BLACK RIVER: COBOCONK
GULL RIVER
SHADOW LAKE
CAMBRIAN
PRECAMBRIAN
TOTAL DEPTH SAMPLES 315.0m MDC 6

LATITUDE 42-46-15 N
LONGITUDE 79-48-45 W GEO 1
CONFIDENTIAL 1980 11 23
SPUDDED 1980 10 20
COMPLETED 1980 10 23
ABANDONED
SPL. TRAY No. 2579 INDEX No. 628

INITIAL GAS RECORD
INTERVAL m	NATURAL FLOW	B.I. PRESSURE
NIL		

INITIAL OIL RECORD
INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD
INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD
SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
219MM	36.0KG	88.3	CEMENTED	
214MM	14.7KG	302.5	CEMENTED	
60MM	4.7KG	261.4	HANGING	

LOGGING RECORD
LOGGING CO SCHLUMBERGER
LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
27.0- 314.3	BHNL	27.0- 314.3	CALP
27.0- 314.3	DENL	295.0- 287.0	CMPL
89.0- 310.8	LATL		

CORING RECORD
CONDITION STORED *ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC m
NIL			

REMARKS
OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 121.8
B UNIT EQU 140.5
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE. NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS
OIL NIL
GAS 21410 M3/D
PRESSURE 3455 KPA
PRODUCING INTVL (m) 264.9- 265.1
271.0- 274.5
PERFORATED YES OPEN HOLE
FORMATION(S) THOROLD

1 DST(s) ON FILE TREATMENT
BRITWAY

CLASS: EXTEN FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 19 CON: I

WELL NAME: ANSCHUTZ #2 LAKE ERIE 19-1 PERMIT NO.: 5502

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 315.0M P.B.T.D: 312.5M

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+12.9M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-48-40 N

LONGITUDE: 79-44-46 W SEQ: 1

CONFIDENTIAL: 1981 10 10

SPUDDED: 1980 10 06

COMPLETED: 1980 10 10

ABANDONED:

SPL. TRAY No: 2573 INDEX No: 1924

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 87.0m					
LAKE / GROUND LEVEL			12.9	174.7	
DRIFT / LAKE BOTTOM			29.2		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	32.3		
		BOIS BLANC	44.8		
SILURIAN		BASS ISLANDS	50.5		
		G UNIT SHALE	59.3		
		F UNIT SHALE	63.8		
		E UNIT CARB	92.5		
		D UNIT SALT	0.		
		C UNIT SHALE	129.2		
		MARKER	132.9		
		B UNIT SALT	0.		
		ANHY			
		CARB	146.8		
		A-2 UNIT SALT	0.		
		ANHY	0.		
		CARB	158.9		
		A-1 UNIT EVAP	0.		
	GUELPH		169.0		
	STAMFORD		0.		
	AMABEL	GOAT ISLAND	217.0		
		GASPORT	226.8		
		ROCHESTER	236.0		
		IRONDEQUOIT	252.7		
		REYNALES	254.3		
		THOROLD	256.7		
	CATARACT	GRIMSBY	258.0		
		CABOT HEAD	270.6		
		MANITOULIN	0.		
		WHIRLPOOL	293.8		
ORDOVICIAN	QUEENSTON		296.1		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 313.0m			MDC:		7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	85.5	CEMENTED	
114MM	14.1KG	312.5	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
18.0- 315.0	GRNL	86.0- 310.0	LATL
86.0- 310.0	CALP	295.0- 290.0	CMPL

CORING RECORD

CONDITION	STORED	% ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 118.4
B UNIT EQU 137.4 DE CEW 232.3

FINAL RESULTS

OIL: NIL

GAS: 3 M3/D

PRESSURE:

PRODUCING INTVL (m): 266.4- 270.4
258.0- 261.7 262.4- 263.2

PERFORATED: YES OPEN HOLE

FORMATION(S): GRIMSBY

1 DST(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 19 CON: 0

WELL NAME: ANSCHUTZ #4 LAKE ERIE 19-0 PERMIT NO.: 5591

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 330.0M P.B.T.D:

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+ 6.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-47-13 N

LONGITUDE: 79-49-17 W SEQ: 1

CONFIDENTIAL: 1980 08 25

SPUDDED: 1980 07 23

COMPLETED: 1980 07 25

ABANDONED:

SPL. TRAY No: 2585 INDEX No: 608

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 71.0m					
LAKE / GROUND LEVEL			6.2	174.7	
DRIFT / LAKE BOTTOM			24.2		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	32.0		
		BOIS BLANC	46.8		
SILURIAN		BASS ISLANDS	57.0		
		G UNIT SHALE	66.0		
		F UNIT SHALE	70.8		
		E UNIT CARB	93.3		
		D UNIT SALT	0.		
		C UNIT SHALE	129.2		
		MARKER	137.9		
		B UNIT SALT	0.		
		ANHY	152.2		
		CARB	154.9		
		A-2 UNIT SALT	0.		
		ANHY	164.9		
		CARB	166.7		
		A-1 UNIT EVAP	0.		
	GUELPH		170.3		
	STAMFORD		0.		
	AMABEL	GOAT ISLAND	179.0		
		GASPORT	189.9		
		ROCHESTER	242.7		
		IRONDEQUOIT	259.7		
		REYNALES	261.0		
		THOROLD	269.3		
	CATARACT	GRIMSBY	269.8		
		CABOT HEAD	277.2		
		MANITOULIN	0.		
		WHIRLPOOL	309.7		
ORDOVICIAN	QUEENSTON		302.2		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 327.0m			MDC:		6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
261.0- 265.0- 285.0	SHOW 35938 M3/D	3855 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	68.9	CEMENTED	
114MM	17.0KG	326.8	CEMENTED	
60MM	7.0KG	291.2	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
16.0- 330.0	GRNL	16.0- 330.0	CALP
16.0- 330.0	DENL	69.0- 326.0	LATL
240.0- 316.0	CNPL		

CORING RECORD

CONDITION	STORED	% ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. OYER BAY 0. D UNIT EQU 124.1
B UNIT EQU 142.7 DE CEW 239.2
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL: NIL

GAS: 35938 M3/D

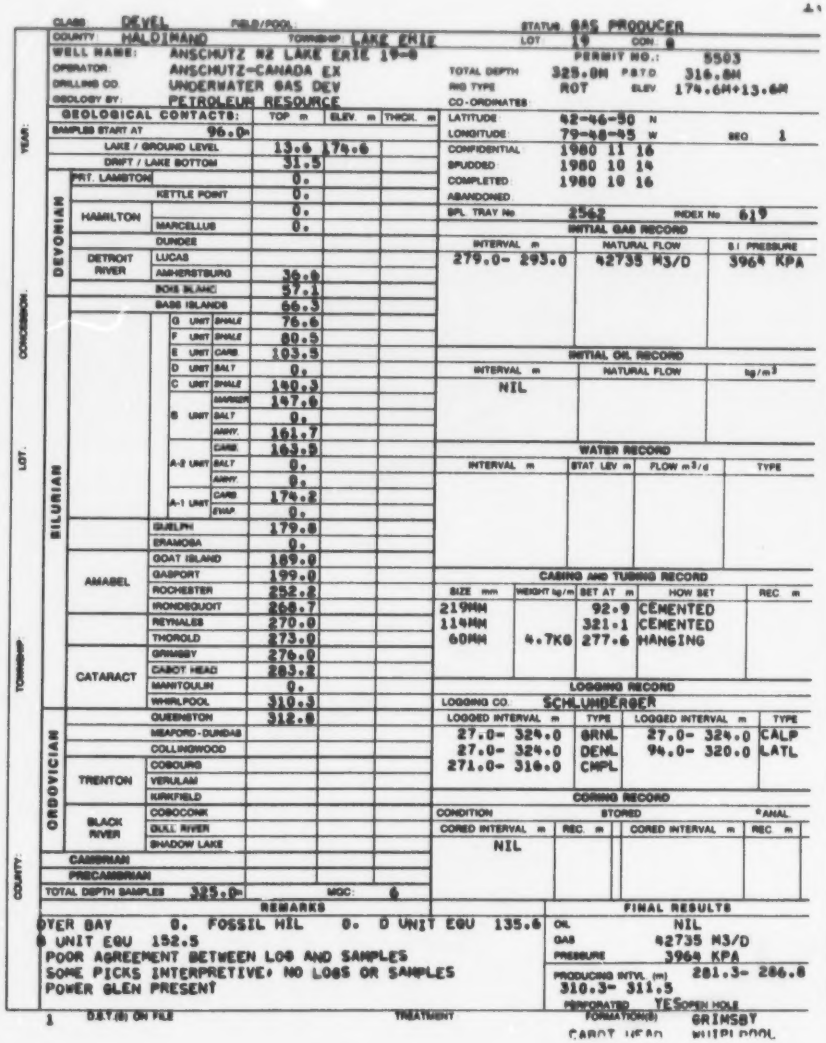
PRESSURE: 3855 KPA

PRODUCING INTVL (m): 270.4- 277.2

PERFORATED: YES OPEN HOLE

FORMATION(S): GRIMSBY

1 DST(S) ON FILE TREATMENT



CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 19 CON: 8
WELL NAME: ANSCHUTZ #2 LAKE ERIE 19-8 PERMIT NO.: 5503
OPERATOR: ANSCHUTZ-CANADA EX
DRILLING CO: UNDERWATER GAS DEV
GEOLOGY BY: PETROLEUM RESOURCE
TOTAL DEPTH: 325.0M P.B.T.D: 316.8M RIG TYPE: ROT ELEV: 174.6M+13.6M
CO-ORDINATES
LATITUDE: 42-46-30 N LONGITUDE: 79-48-45 W SEC: 1
CONFIDENTIAL: 1980 11 16 SPUDDED: 1980 10 14 COMPLETED: 1980 10 16 ABANDONED:
SPL. TRAY No: 2562 INDEX No: 619

GEOLOGICAL CONTACTS:

			TOP m	ELEV. m	THICK. m
SAMPLES START AT 96.0m					
LAKE / GROUND LEVEL			13.6	174.6	
DRIFT / LAKE BOTTOM			31.5		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	36.0		
		BOIS BLANC	57.1		
		BASS ISLANDS	66.3		
SILURIAN		G UNIT SHALE	76.6		
		F UNIT SHALE	80.5		
		E UNIT CARB	103.5		
		D UNIT SALT	0.		
		C UNIT SHALE	140.3		
		MARKER	147.6		
		B UNIT SALT	0.		
		ANHY.	161.7		
		CARB.	163.9		
		A-2 UNIT SALT	0.		
		ANHY.	0.		
		A-1 UNIT CARB	170.2		
		EVAP	0.		
	GUELPH		179.8		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	189.0		
		GASPORT	199.0		
		ROCHESTER	252.2		
		IRONDEQUOIT	268.7		
		REYNALES	270.0		
		THOROLD	273.0		
	CATARACT	GRIMSBY	276.0		
		CABOT HEAD	283.2		
		MANITOULIN	0.		
		WHIRLPOOL	310.3		
ORDOVICIAN		QUEENSTON	312.8		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 325.0m MDC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
279.0- 293.0	42735 M3/D	3964 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM		92.9	CEMENTED	
114MM		321.1	CEMENTED	
60MM	4.7KG	277.6	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
27.0- 324.0	GRNL	27.0- 324.0	CALP
27.0- 324.0	DENL	94.0- 320.0	LATL
271.0- 310.0	CMPL		

CORING RECORD

CONDITION: STORED °ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

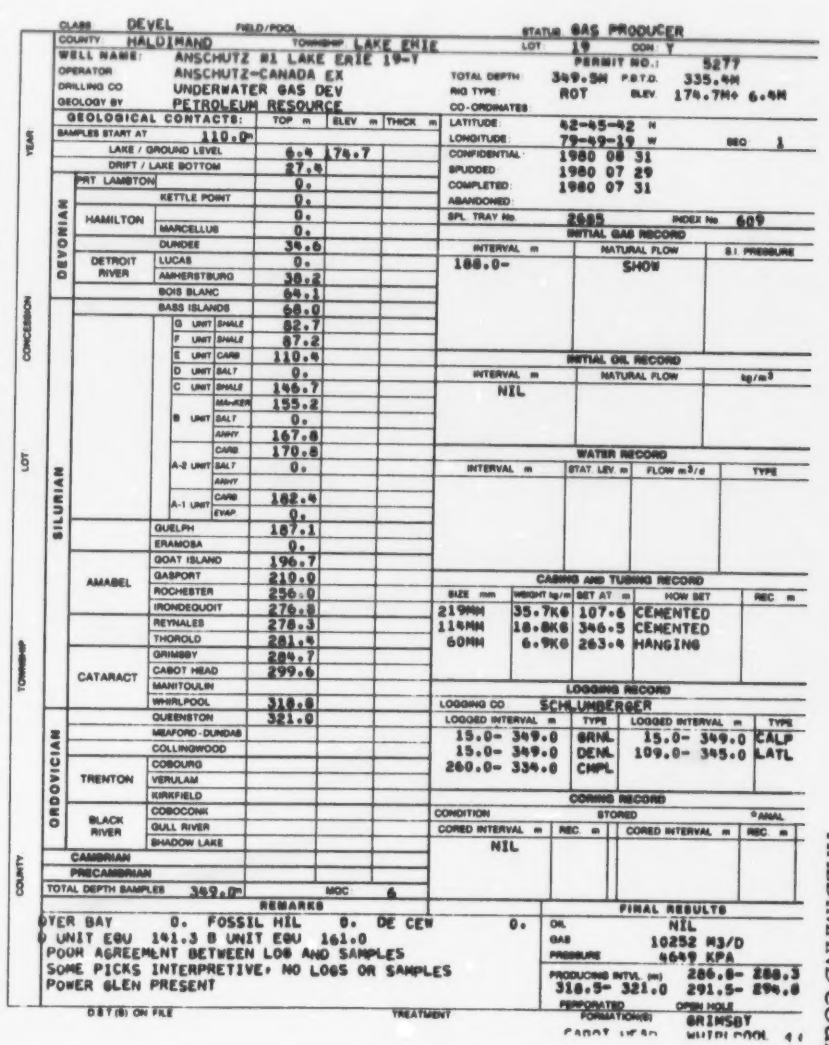
REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 135.6
B UNIT EQU 152.5
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL: NIL
GAS: 42735 M3/D
PRESSURE: 3964 KPA
PRODUCING INTVL (m): 281.3- 286.8, 310.3- 311.5
PERFORATED: YES OPEN HOLE
FORMATION(S): GRIMSBY, CABOT HEAD, WHIRLPOOL

1 D.S.T.(S) ON FILE TREATMENT



CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 19 CON: 7
WELL NAME: ANSCHUTZ #1 LAKE ERIE 19-7 PERMIT NO.: 5277
OPERATOR: ANSCHUTZ-CANADA EX
DRILLING CO: UNDERWATER GAS DEV
GEOLOGY BY: PETROLEUM RESOURCE
TOTAL DEPTH: 349.3M P.B.T.D: 335.4M RIG TYPE: ROT ELEV: 174.7M+ 6.4M
CO-ORDINATES
LATITUDE: 42-45-42 N LONGITUDE: 79-49-19 W SEC: 1
CONFIDENTIAL: 1980 08 31 SPUDDED: 1980 07 29 COMPLETED: 1980 07 31 ABANDONED:
SPL. TRAY No: 2695 INDEX No: 609

GEOLOGICAL CONTACTS:

			TOP m	ELEV. m	THICK. m
SAMPLES START AT 110.0m					
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			27.4		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	34.6		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	38.2		
		BOIS BLANC	64.1		
		BASS ISLANDS	68.0		
SILURIAN		G UNIT SHALE	82.7		
		F UNIT SHALE	87.2		
		E UNIT CARB	110.4		
		D UNIT SALT	0.		
		C UNIT SHALE	146.7		
		MARKER	155.2		
		B UNIT SALT	0.		
		ANHY.	167.8		
		CARB.	170.8		
		A-2 UNIT SALT	0.		
		ANHY.			
		A-1 UNIT CARB	182.4		
		EVAP	0.		
	GUELPH		187.1		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	196.7		
		GASPORT	219.0		
		ROCHESTER	256.0		
		IRONDEQUOIT	276.8		
		REYNALES	278.3		
		THOROLD	281.4		
	CATARACT	GRIMSBY	284.7		
		CABOT HEAD	299.6		
		MANITOULIN			
		WHIRLPOOL	318.8		
ORDOVICIAN		QUEENSTON	321.0		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 349.0m MDC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
188.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	107.6	CEMENTED	
114MM	18.8KG	346.5	CEMENTED	
60MM	6.9KG	263.4	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
15.0- 349.0	GRNL	15.0- 349.0	CALP
15.0- 349.0	DENL	109.0- 345.0	LATL
260.0- 334.0	CMPL		

CORING RECORD

CONDITION: STORED °ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 141.3 B UNIT EQU 161.0
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL: NIL
GAS: 10252 M3/D
PRESSURE: 4649 KPA
PRODUCING INTVL (m): 286.8- 288.3, 318.5- 321.0, 291.5- 294.8
PERFORATED: OPEN HOLE
FORMATION(S): GRIMSBY, CABOT HEAD, WHIRLPOOL

D.S.T.(S) ON FILE TREATMENT

HALDIMAND COUNTY

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 37 CON: T

WELL NAME: CONSUMERS 31895 LAKE ERIE 37-T PERMIT NO.: 5351

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 421.0M P.B.T.D.

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+ 6.1M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 113.0m				
LAKE / GROUND LEVEL		6.1	174.7	
DRIFT / LAKE BOTTOM		31.5		
DEVONIAN	PRT. LAMBTON	0.		
	HAMILTON KETTLE POINT			
	HAMILTON MARCELLUS			
	DUNDEE			
	DETROIT RIVER LUCAS	0.		
	DETROIT RIVER AMHERSTBURG			
	BOIS BLANC	105.5		
SILURIAN	BASS ISLANDS	154.3		
	G UNIT SHALE	161.7		
	F UNIT SHALE	168.6		
	E UNIT CARB	193.2		
	D UNIT SALT	0.		
	C UNIT SHALE	226.8		
	MARKER	235.7		
	B UNIT SALT	0.		
	ARMY	251.2		
	CARB	252.7		
	A-2 UNIT SALT	0.		
	ARMY	266.0		
	A-1 UNIT CARB	267.7		
	SWAP			
	GUELPH	276.3		
	ERAMOSA	289.4		
	AMABEL GOAT ISLAND	300.3		
	AMABEL GASPORT	316.4		
	AMABEL ROCHESTER	345.2		
	IRONDEQUOIT	358.4		
	REYNALES	360.8		
	THOROLD	369.8		
	CATARACT GRIMSBY	386.1		
	CATARACT CABOT HEAD	387.1		
	MANITOULIN	0.		
	WHIRLPOOL	401.6		
ORDOVICIAN	QUEENSTON	405.6		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	TRENTON VERULAM			
	TRENTON KIRKFIELD			
	BLACK RIVER COBOCONK			
	BLACK RIVER GULL RIVER			
	BLACK RIVER SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 421.0m		MOC:	G	

LATITUDE: 42-41-15 N

LONGITUDE: 79-20-19 W SEQ: 1

CONFIDENTIAL: 1980 06 09

SPUDDED: 1980 05 06

COMPLETED: 1980 05 09

ABANDONED:

SPL. TRAY No. 3880 INDEX No. 583

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
378.0- 375.0- 385.0	SHOW 7165 M3/D	5506 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	31.0	HANGING	31.0
244MM	53.6KG	112.7	CEMENTED	
178MM	29.8KG	164.0	CEMENTED	
114MM	14.4KG	419.7	CEMENTED	
60MM	7.0KG	368.7	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
24.0- 420.0	GRNL	360.0- 405.0	CMPL
164.0- 420.0	DENL		

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. D UNIT EGU 221.7
B UNIT EGU 241.8 DE CEW 324.3
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS 7165 M3/D
PRESSURE 5506 KPA
PRODUCING INTVL (m) 380.3- 381.5
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY

DST(S) ON FILE TREATMENT

41

CLASS: NPW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 40 CON: 0

WELL NAME: ANSCHUTZ #1 LAKE ERIE 40-0 PERMIT NO.: 5301

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 383.0M P.B.T.D.

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.7M+ 5.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 154.0m				
LAKE / GROUND LEVEL		5.8	174.7	
DRIFT / LAKE BOTTOM		0.		
DEVONIAN	PRT. LAMBTON	0.		
	HAMILTON KETTLE POINT			
	HAMILTON MARCELLUS			
	DUNDEE			
	DETROIT RIVER LUCAS	0.		
	DETROIT RIVER AMHERSTBURG	81.2		
	BOIS BLANC	98.8		
SILURIAN	BASS ISLANDS	103.7		
	G UNIT SHALE	115.0		
	F UNIT SHALE	120.0		
	E UNIT CARB	143.2		
	D UNIT SALT	0.		
	C UNIT SHALE	180.0		
	MARKER	189.0		
	B UNIT SALT	0.		
	ARMY	0.		
	CARB	202.0		
	A-2 UNIT SALT	0.		
	ARMY	0.		
	A-1 UNIT CARB	223.3		
	SWAP	0.		
	GUELPH	229.0		
	ERAMOSA	236.8		
	AMABEL GOAT ISLAND	0.		
	AMABEL GASPORT	0.		
	AMABEL ROCHESTER	298.0		
	IRONDEQUOIT	312.0		
	REYNALES	315.0		
	THOROLD	316.0		
	CATARACT GRIMSBY	318.0		
	CATARACT CABOT HEAD	343.0		
	MANITOULIN	0.		
	WHIRLPOOL	349.5		
ORDOVICIAN	QUEENSTON	355.0		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	TRENTON VERULAM			
	TRENTON KIRKFIELD			
	BLACK RIVER COBOCONK			
	BLACK RIVER GULL RIVER			
	BLACK RIVER SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 382.0m		MOC:	S	

LATITUDE: 42-42-38 N

LONGITUDE: 79-39-09 W SEQ: 1

CONFIDENTIAL: 1981 05 05

SPUDDED: 1980 04 28

COMPLETED: 1980 05 05

ABANDONED:

SPL. TRAY No. 3848 INDEX No. 585

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
316.0- 319.0	SHOW	
319.0- 342.0	SHOW	
353.0- 357.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	81.1KG	102.0	CEMENTED	
193MM	29.8KG	153.0	CEMENTED	
114MM	17.3KG	383.0	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
26.0- 356.0	GRNL	230.0- 365.0	DENL

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EGU 172.0
B UNIT EGU 196.0 DE CEW 283.0

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED YES OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: LOST HOLE -ABD

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 41 CON: F

WELL NAME: ANSCHUTZ #2 LAKE ERIE 41-F PERMIT NO.: 5296

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 87.0M P.B.T.D.

DRILLING CO. ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.7M+ 7.2M

GEOLOGY BY: CO-ORDINATES:

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT m				
	LAKE / GROUND LEVEL	7.2	174.7	
	DRIFT / LAKE BOTTOM	0.		
DEVONIAN	PRT. LAMBTON			
	HAMILTON — KETTLE POINT			
	HAMILTON — MARCELLUS			
	HAMILTON — DUNDEE			
	DETROIT RIVER — LUCAS			
	DETROIT RIVER — AMHERSTBURG			
	BOIS BLANC			
	BASS ISLANDS			
SILURIAN	G UNIT — SHALE			
	F UNIT — SHALE			
	E UNIT — CARB			
	D UNIT — SALT			
	C UNIT — SHALE			
	B UNIT — MARKER			
	B UNIT — SALT			
	B UNIT — ANHY.			
	A-2 UNIT — CARB.			
	A-2 UNIT — SALT			
	A-2 UNIT — ANHY.			
	A-1 UNIT — CARB			
	A-1 UNIT — EVAP.			
	GUELPH			
	ERAMOSA			
	AMABEL — GOAT ISLAND			
	AMABEL — GASPORT			
	AMABEL — ROCHESTER			
	AMABEL — IRONDEQUOIT			
	REYNALES			
	THOROLD			
	CATARACT — GRIMSBY			
	CATARACT — CABOT HEAD			
	CATARACT — MANITOULIN			
	CATARACT — WHIRLPOOL			
ORDOVICIAN	QUEENSTON			
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON — COBOURG			
	TRENTON — VERULAM			
	TRENTON — KIRKFIELD			
	BLACK RIVER — COBOCONK			
	BLACK RIVER — GULL RIVER			
	BLACK RIVER — SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES m		MDC:		

LATITUDE: 42-43-39 N

LONGITUDE: 79-44-36 W SEC. 1

CONFIDENTIAL: 1980 06 03

SPUDDED: 1980 05 02

COMPLETED: 1980 05 03

ABANDONED: 1980 05 30

SPL. TRAY No. INDEX No.

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	83.0	CASING SHOE	37.0

LOGGING RECORD

LOGGING CO.

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

NO SAMPLES
NO LOGS

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

41

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 41 CON: F

WELL NAME: ANSCHUTZ #2A LAKE ERIE 41-F PERMIT NO.: 5296

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 369.0M P.B.T.D.

DRILLING CO. ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.7M+ 6.0M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 100.0m				
	LAKE / GROUND LEVEL	6.0	174.7	
	DRIFT / LAKE BOTTOM	35.3		
DEVONIAN	PRT. LAMBTON	0.		
	HAMILTON — KETTLE POINT	0.		
	HAMILTON — MARCELLUS	0.		
	HAMILTON — DUNDEE	0.		
	DETROIT RIVER — LUCAS	0.		
	DETROIT RIVER — AMHERSTBURG	45.5		
	BOIS BLANC			
	BASS ISLANDS			
SILURIAN	G UNIT — SHALE	103.2		
	F UNIT — SHALE	109.0		
	E UNIT — CARB	131.9		
	D UNIT — SALT	0.		
	C UNIT — SHALE	168.5		
	B UNIT — MARKER	177.5		
	B UNIT — SALT	0.		
	B UNIT — ANHY.	0.		
	A-2 UNIT — CARB	190.3		
	A-2 UNIT — SALT	0.		
	A-2 UNIT — ANHY.	0.		
	A-1 UNIT — CARB	206.8		
	A-1 UNIT — EVAP	210.0		
	GUELPH	211.4		
	ERAMOSA	0.		
	AMABEL — GOAT ISLAND			
	AMABEL — GASPORT			
	AMABEL — ROCHESTER	281.9		
	AMABEL — IRONDEQUOIT	0.		
	REYNALES	298.5		
	THOROLD	301.2		
	CATARACT — GRIMSBY	309.7		
	CATARACT — CABOT HEAD	320.1		
	CATARACT — MANITOULIN	0.		
	CATARACT — WHIRLPOOL	340.4		
ORDOVICIAN	QUEENSTON	344.4		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON — COBOURG			
	TRENTON — VERULAM			
	TRENTON — KIRKFIELD			
	BLACK RIVER — COBOCONK			
	BLACK RIVER — GULL RIVER			
	BLACK RIVER — SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 370.0m		MDC: 7		

LATITUDE: 42-43-36 N

LONGITUDE: 79-44-35 W SEC. 1

CONFIDENTIAL: 1980 06 14

SPUDDED: 1980 05 04

COMPLETED: 1980 05 14

ABANDONED: 1980 05 14

SPL. TRAY No. 3808 INDEX No. 5296

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
315.0- 316.0	SHOW	
320.0- 323.0	SHOW	
334.0- 349.0	515 M3/D	5233 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	92.2	CEMENTED	35.3
194MM	39.3KG	130.1	CEMENTED	35.3

LOGGING RECORD

LOGGING CO. SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
36.5- 364.0	BRNL	36.5- 364.0	CALP
36.4- 364.0	DENL	130.0- 366.5	LATL

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OVER BAY 0. FOSSIL HIL 0. D UNIT EQU 163.5
D UNIT EQU 183.2 DE CEW 266.7

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

1 D.S.T.(S) ON FILE TREATMENT

HALDIMAND COUNTY

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 41 CON: 6

WELL NAME: ANSCHUTZ #4 LAKE ERIE 41-6 PERMIT NO.: 5302

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 373.0M P.B.T.D.

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.7M+ 5.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-43-15 N

LONGITUDE: 79-43-15 W SEC: 1

CONFIDENTIAL: 1980 08 16

SPUDDED: 1980 08 12

COMPLETED: 1980 08 16

ABANDONED:

SPL. TRAY No. 2948 INDEX No. 593

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 139.0m					
LAKE / GROUND LEVEL			5.5	174.7	
DRIFT / LAKE BOTTOM			38.0		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
			0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG			
		BOIS BLANC	86.4		
		BASS ISLANDS	92.0		
SILURIAN		G UNIT SHALE	105.9		
		F UNIT SHALE	111.8		
		E UNIT CARB	133.7		
		D UNIT SALT	0.		
		C UNIT SHALE	171.2		
		MARKER	178.9		
		B UNIT SALT	0.		
		ANHY.	192.8		
		A-2 UNIT CARB	196.9		
		SALT	0.		
		ANHY.	0.		
		A-1 UNIT CARB	208.8		
		EVAP.	0.		
	GUELPH		219.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	221.5		
		GASPORT	229.8		
		ROCHESTER	284.1		
		IRONDEQUOIT	301.7		
		REYNALES	302.9		
		THOROLD	306.2		
	CATARACT	GRIMSBY	307.9		
		CABOT HEAD	327.5		
		MANITOULIN	344.9		
		WHIRLPOOL	345.9		
ORDOVICIAN	QUEENSTON		347.8		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 373.0m MOC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	65.0	CEMENTED	37.0
194MM	29.8KG	136.0	CEMENTED	37.0

LOGGING RECORD

LOGGING CO. SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
35.0- 379.0	GRNL	35.0- 379.0	DENL
35.0- 379.0	CALP	137.0- 372.0	IES

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 165.3 B UNIT EQU 184.7
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 41 CON: X

WELL NAME: ANSCHUTZ #2 LAKE ERIE 41-A PERMIT NO.: 5415

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 396.0M P.B.T.D.

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.6M+ 6.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-40-43 N

LONGITUDE: 79-43-49 W SEC: 1

CONFIDENTIAL: 1980 08 23

SPUDDED: 1980 07 20

COMPLETED: 1980 07 23

ABANDONED:

SPL. TRAY No. 2578 INDEX No. 690

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 138.0m					
LAKE / GROUND LEVEL			6.3	174.6	
DRIFT / LAKE BOTTOM			41.5		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
			0.		
		MARCELLUS	0.		
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	85.5		
		BOIS BLANC	108.8		
		BASS ISLANDS	118.5		
SILURIAN		G UNIT SHALE	132.7		
		F UNIT SHALE	137.0		
		E UNIT CARB	159.2		
		D UNIT SALT	0.		
		C UNIT SHALE	196.0		
		MARKER	205.0		
		B UNIT SALT	0.		
		ANHY.	219.0		
		A-2 UNIT CARB	221.7		
		SALT	0.		
		ANHY.			
		A-1 UNIT CARB	232.7		
		EVAP.	237.8		
	GUELPH		239.2		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	248.4		
		GASPORT	258.5		
		ROCHESTER	308.6		
		IRONDEQUOIT	328.5		
		REYNALES	329.5		
		THOROLD	332.9		
	CATARACT	GRIMSBY	337.0		
		CABOT HEAD	349.8		
		MANITOULIN	0.		
		WHIRLPOOL	371.0		
ORDOVICIAN	QUEENSTON		376.3		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 395.0m MOC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
330.0-		
347.0-		
378.0-		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	97.9	CEMENTED	
193MM	35.7KG	135.5	CEMENTED	
114MM	14.1KG	392.3	CEMENTED	
60MM	6.9KG		HANGING	35.7

LOGGING RECORD

LOGGING CO. SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
41.0- 395.0	GRNL	41.0- 395.0	CALP
41.0- 395.0	DENL	135.5- 394.5	IES
320.0- 391.0	CNPL		

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

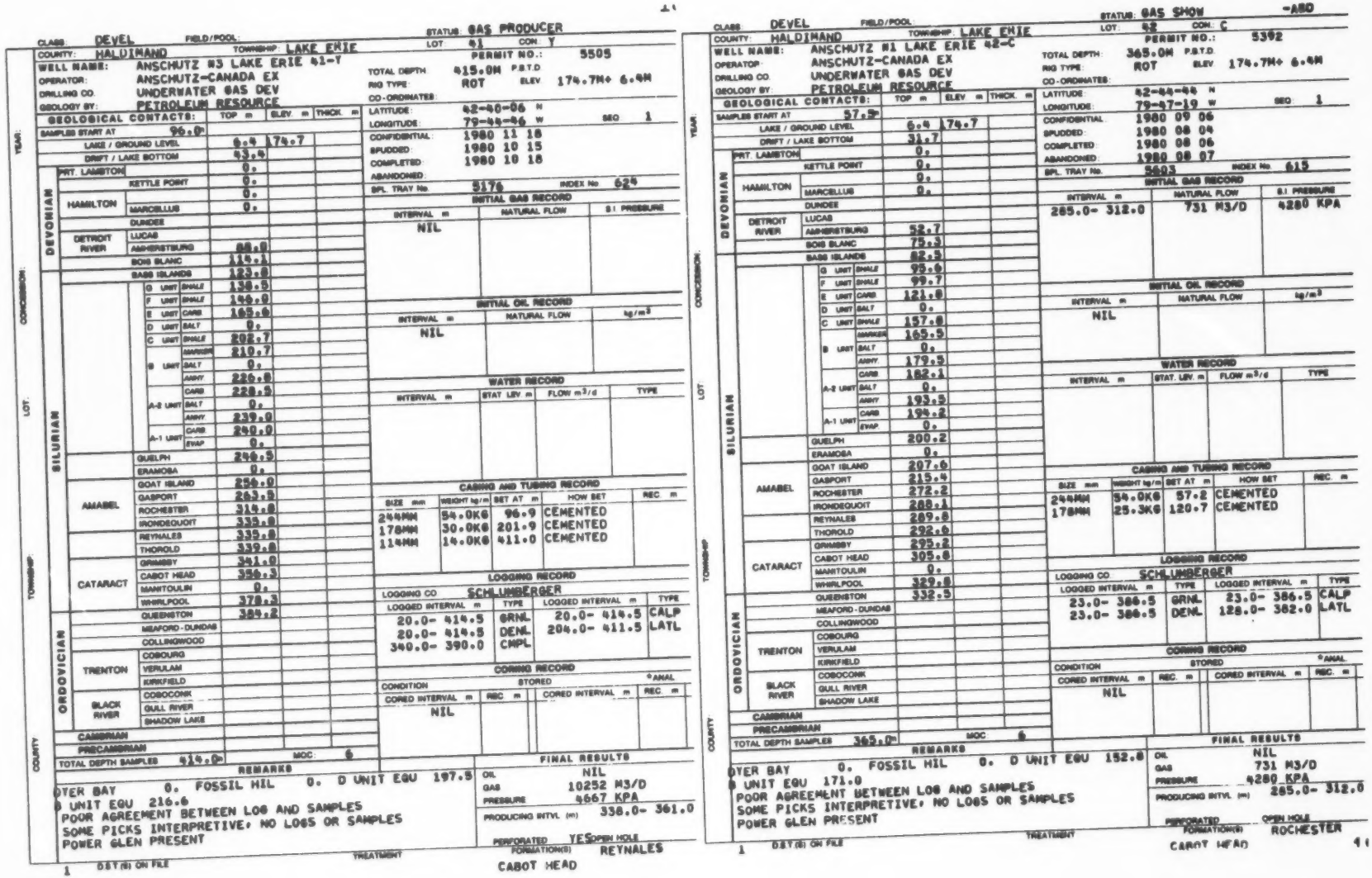
REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 191.0 B UNIT EQU 210.5
POOR AGREEMENT BETWEEN LOG AND SAMPLES
CRITICAL MISSING SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS 2356 M3/D
PRESSURE 5388 KPA
PRODUCING INTVL (m) 335.0- 337.1
348.2- 349.5 371.2- 379.2
PERFORATED YES OPEN HOLE
FORMATION(S) THOROLD
ROINSAY WHIRLPOOL

1 D.S.T.(S) ON FILE TREATMENT ACID



CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT 41 CON: Y
WELL NAME: ANSCHUTZ #3 LAKE ERIE 41-Y PERMIT NO.: 5505
OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH 415.0M P.B.T.D
DRILLING CO. UNDERWATER GAS DEV RIG TYPE: ROT ELEV 174.7M+ 6.4M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:
LATITUDE: 42-40-06 N
LONGITUDE: 79-44-46 W SEQ: 1
CONFIDENTIAL: 1980 11 18
SPUDDED: 1980 10 15
COMPLETED: 1980 10 18
ABANDONED:
SPL. TRAY No. 5176 INDEX No. 624

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK. m
SAMPLES START AT 96.0					
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			53.4		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	88.0		
		BOIS BLANC	114.1		
		BASS ISLANDS	123.8		
SILURIAN		G UNIT SHALE	138.5		
		F UNIT SHALE	146.8		
		E UNIT CARB	165.6		
		D UNIT SALT	0.		
		C UNIT SHALE	202.7		
		MARKER	210.7		
		B UNIT SALT	0.		
		ANHY.	226.8		
		CARB	228.5		
		A-2 UNIT SALT	0.		
		ANHY	239.0		
		CARB	240.0		
		A-1 UNIT EVAP	0.		
	GUELPH		246.5		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	256.0		
		GASPORT	263.9		
		ROCHESTER	314.8		
		IRONDEQUOIT	333.8		
		REYNALES	335.8		
		THOROLD	339.8		
	CATARACT	GRIMSBY	341.0		
		CABOT HEAD	356.3		
		MANITOULIN	0.		
		WHIRLPOOL	378.3		
	QUEENSTON		384.2		
ORDOVICIAN	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
		COBOCONK			
	BLACK RIVER	GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 414.0 MOC: 6

REMARKS
OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 197.5
B UNIT EQU 216.6
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

1 DST(S) ON FILE TREATMENT

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
244MM	54.0KG	96.9	CEMENTED	
178MM	30.0KG	201.9	CEMENTED	
114MM	14.0KG	411.0	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 414.5	GRNL	20.0- 414.5	CALP
20.0- 414.5	DENL	204.0- 411.5	LATL
340.0- 390.0	CMPL		

CORING RECORD

CONDITION	STORED		°ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

FINAL RESULTS

OIL	NIL
GAS	10252 M3/D
PRESSURE	4667 KPA
PRODUCING INTVL (m)	338.0- 361.0
PERFORATED	YES OPEN HOLE
FORMATION(S)	REYNALES

CABOT HEAD

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW -ABD
COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT 42 CON: C
WELL NAME: ANSCHUTZ #1 LAKE ERIE 42-C PERMIT NO.: 5392
OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH 365.0M P.B.T.D
DRILLING CO. UNDERWATER GAS DEV RIG TYPE: ROT ELEV 174.7M+ 6.4M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:
LATITUDE: 42-44-46 N
LONGITUDE: 79-47-19 W SEQ: 1
CONFIDENTIAL: 1980 09 06
SPUDDED: 1980 08 04
COMPLETED: 1980 08 06
ABANDONED: 1980 08 07
SPL. TRAY No. 5603 INDEX No. 615

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK. m
SAMPLES START AT 57.5					
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			31.7		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	52.7		
		BOIS BLANC	75.3		
		BASS ISLANDS	82.3		
SILURIAN		G UNIT SHALE	95.6		
		F UNIT SHALE	99.7		
		E UNIT CARB	121.8		
		D UNIT SALT	0.		
		C UNIT SHALE	157.8		
		MARKER	165.9		
		B UNIT SALT	0.		
		ANHY.	179.9		
		CARB	182.1		
		A-2 UNIT SALT	0.		
		ANHY	193.5		
		CARB	194.2		
		A-1 UNIT EVAP	0.		
	GUELPH		200.2		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	207.6		
		GASPORT	215.4		
		ROCHESTER	272.2		
		IRONDEQUOIT	288.1		
		REYNALES	289.8		
		THOROLD	292.6		
	CATARACT	GRIMSBY	295.2		
		CABOT HEAD	305.8		
		MANITOULIN	0.		
		WHIRLPOOL	329.8		
	QUEENSTON		332.5		
ORDOVICIAN	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
		COBOCONK			
	BLACK RIVER	GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 365.0 MOC: 6

REMARKS
OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 152.8
B UNIT EQU 171.0
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

1 DST(S) ON FILE TREATMENT

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
285.0- 312.0	731 M3/D	4280 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
244MM	54.0KG	57.2	CEMENTED	
178MM	25.3KG	120.7	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
23.0- 386.5	GRNL	23.0- 386.5	CALP
23.0- 386.5	DENL	128.0- 382.0	LATL

CORING RECORD

CONDITION	STORED		°ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

FINAL RESULTS

OIL	NIL
GAS	731 M3/D
PRESSURE	4280 KPA
PRODUCING INTVL (m)	285.0- 312.0
PERFORATED	OPEN HOLE
FORMATION(S)	ROCHESTER

CABOT HEAD

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 42 CON.: E

WELL NAME: ANSCHUTZ #1 LAKE ERIE 42-E PERMIT NO.: 5303

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 387.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV.: 174.7M+ 6.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK m
SAMPLES START AT			63.0		
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			32.0		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
			0.		
		MARCELLUS	0.		
	DUNDEE				
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	64.3		
		BOIS BLANC	72.5		
		BASS ISLANDS	80.9		
SILURIAN		G UNIT SHALE	93.6		
		F UNIT SHALE	98.5		
		E UNIT CARB	120.0		
		D UNIT SALT	0.		
		C UNIT SHALE	157.0		
		MARKER	165.3		
		B UNIT SALT	0.		
		ANHY.	179.9		
		CARB.	181.9		
		A-2 UNIT SALT	0.		
		ANHY.	194.0		
		A-1 UNIT CARB	195.0		
		EVAP.	200.2		
	GUELPH		200.7		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	208.3		
		GASPORT	222.0		
		ROCHESTER	271.2		
		IRONDEQUOIT	286.5		
		REYNALES	288.0		
		THOROLD	291.6		
		GRIMSBY	294.6		
	CATARACT	CABOT HEAD	305.9		
		MANITOULIN	0.		
		WHIRLPOOL	328.9		
ORDOVICIAN	QUEENSTON		331.6		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES: 387.0m			MOC:	6	

LATITUDE: 42-44-44 N

LONGITUDE: 79-49-19 W SEQ: 1

CONFIDENTIAL: 1980 09 09

SPUDDED: 1980 08 07

COMPLETED: 1980 08 09

ABANDONED:

SPL. TRAY No: 5603 INDEX No: 614

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
292.0- 311.0 329.8- 332.4		3587 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
244MM	54.0KG	62.4	CEMENTED	
178MM	30.0KG	126.0	CEMENTED	
114MM	14.0KG	384.8	CEMENTED	
61MM	7.0KG	319.4	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 365.0	GRNL	20.0- 365.0	CALP
20.0- 365.0	DENL	125.0- 361.0	LATL
290.0- 372.0	CMPL		

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

OVER BAY 0. FOSSIL HIL 0. D UNIT EQU 152.0
B UNIT EQU 171.4 DE CEW 267.8
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE: 3587 KPA
PRODUCING INTVL (m): 292.0- 311.0
329.8- 332.4
PERFORATED: YES OPEN HOLE
FORMATION(S): THOROLD
CABOT HEAD WHIRLPOOL

1 DST(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 42 CON.: K

WELL NAME: ANSCHUTZ #4 LAKE ERIE 42-K PERMIT NO.: 5412

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 385.0M P.B.T.D.

DRILLING CO.: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV.: 176.4M+ 4.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK m
SAMPLES START AT			135.0		
LAKE / GROUND LEVEL			4.5	176.4	
DRIFT / LAKE BOTTOM					
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
			0.		
		MARCELLUS	0.		
	DUNDEE				
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	68.5		
		BOIS BLANC	91.0		
		BASS ISLANDS	97.5		
SILURIAN		G UNIT SHALE	111.5		
		F UNIT SHALE	117.0		
		E UNIT CARB	137.7		
		D UNIT SALT	0.		
		C UNIT SHALE	174.0		
		MARKER	182.0		
		B UNIT SALT	0.		
		ANHY.	197.1		
		CARB	199.9		
		A-2 UNIT SALT	0.		
		ANHY.			
		A-1 UNIT CARB	211.1		
		EVAP.	0.		
	GUELPH		212.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	226.5		
		GASPORT	243.0		
		ROCHESTER	289.0		
		IRONDEQUOIT	306.7		
		REYNALES	307.6		
		THOROLD	311.0		
		GRIMSBY	314.2		
	CATARACT	CABOT HEAD	326.0		
		MANITOULIN	0.		
		WHIRLPOOL	349.8		
ORDOVICIAN	QUEENSTON		352.2		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES: 321.0m			MOC:	6	

LATITUDE: 42-42-14 N

LONGITUDE: 79-45-17 W SEQ: 1

CONFIDENTIAL: 1980 08 17

SPUDDED: 1980 07 14

COMPLETED: 1980 07 17

ABANDONED:

SPL. TRAY No: 2759 INDEX No: 621

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
268.0- 327.0- 385.0		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	80.4KG	87.5	CEMENTED	
193MM	29.8KG	121.5	CEMENTED	
114MM	15.6KG	372.1	CEMENTED	
60MM	6.9KG	298.5	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
40.0- 386.5	GRNL	40.0- 386.5	CALP
40.0- 386.5	DENL	121.5- 386.0	IES
295.0- 359.0	CMPL		

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

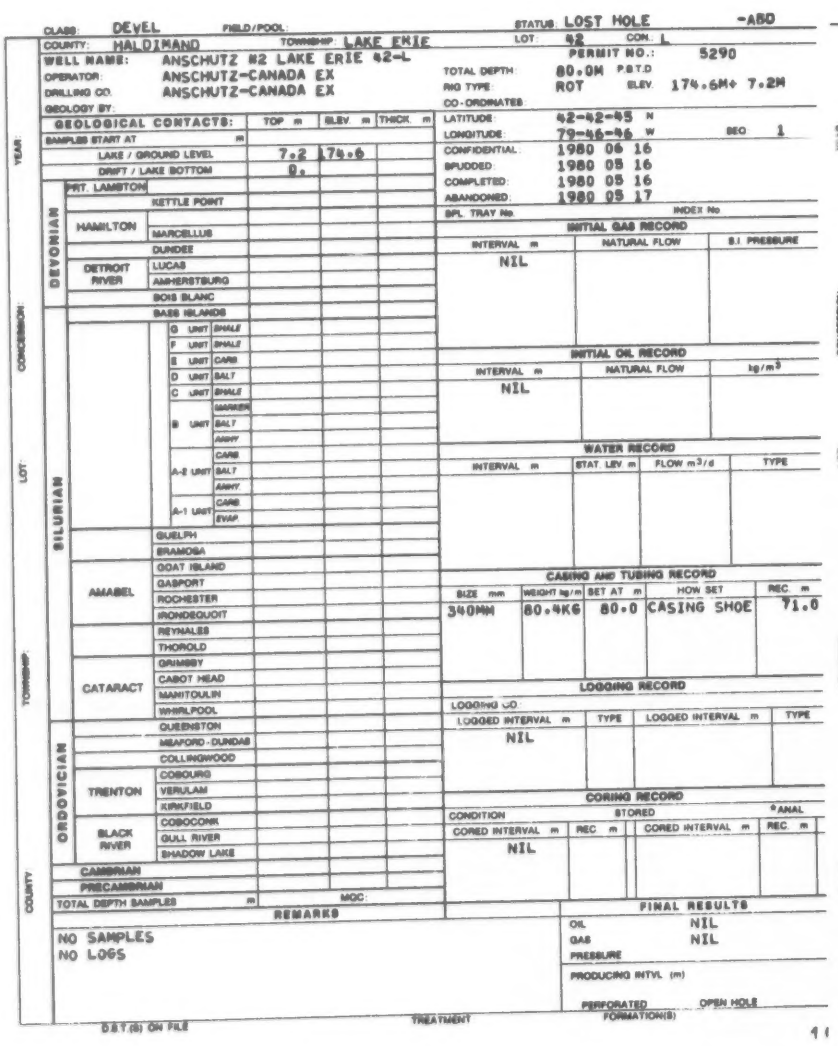
REMARKS

OVER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 169.0 B UNIT EQU 188.4
POOR AGREEMENT BETWEEN LOG AND SAMPLES
CRITICAL MISSING SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL: NIL
GAS: 6117 M3/D
PRESSURE: 4568 KPA
PRODUCING INTVL (m): 314.8- 317.8
320.4- 325.8 349.8- 351.8
PERFORATED: YES OPEN HOLE
FORMATION(S): GRIMSBY
WHIRLPOOL

1 DST(S) ON FILE TREATMENT: ACID



CLASS: DEVEL FIELD/POOL: STATUS: LOST HOLE -ABD
COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 42 CON: L
WELL NAME: ANSCHUTZ #2 LAKE ERIE 42-L PERMIT NO.: 5290
OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 80.0M P.B.T.D.
DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.6M+ 7.2M
GEOLOGY BY: CO-ORDINATES:
LATITUDE: 42-42-45 N
LONGITUDE: 79-46-46 W SEQ: 1
CONFIDENTIAL: 1980 06 16
SPUDDED: 1980 05 16
COMPLETED: 1980 05 16
ABANDONED: 1980 05 17
SPL. TRAY No. INDEX No

GEOLOGICAL CONTACTS: TOP m | ELEV. m | THICK. m
SAMPLES START AT m
LAKE / GROUND LEVEL 7.2 | 174.6
DRIFT / LAKE BOTTOM 0.

DEVONIAN: PRT. LAMBTON; HAMILTON (KETTLE POINT, MARCELLUS, DUNDEE); DETROIT RIVER (LUCAS, AMHERSTBURG, BOIS BLANC, BASS ISLANDS)
SILURIAN: G UNIT SHALE; F UNIT SHALE; E UNIT CARB; D UNIT SALT; C UNIT SHALE; B UNIT (MARKER, SALT, ANHY); A-2 UNIT (CARB, SALT, ANHY); A-1 UNIT (CARB, EVAP); GUELPH; ERAMOSA; AMABEL (GOAT ISLAND, GASPORT, ROCHESTER, IRONDEQUOIT, REYNALES, THOROLD); CATARACT (GRIMSBY, CABOT HEAD, MANITOULIN, WHIRLPOOL)
ORDOVICIAN: QUEENSTON; MEAFORD-DUNDAS; COLLINGWOOD; TRENTON (COBOURG, VERULAM, KIRKFIELD); BLACK RIVER (COBOCONK, GULL RIVER, SHADOW LAKE)
CAMBRIAN
PRECAMBRIAN
TOTAL DEPTH SAMPLES m MOC:

INITIAL GAS RECORD
INTERVAL m	NATURAL FLOW	B.I. PRESSURE
NIL		

INITIAL OIL RECORD
INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD
INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD
SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	80.4KG	80.0	CASING SHOE	71.0

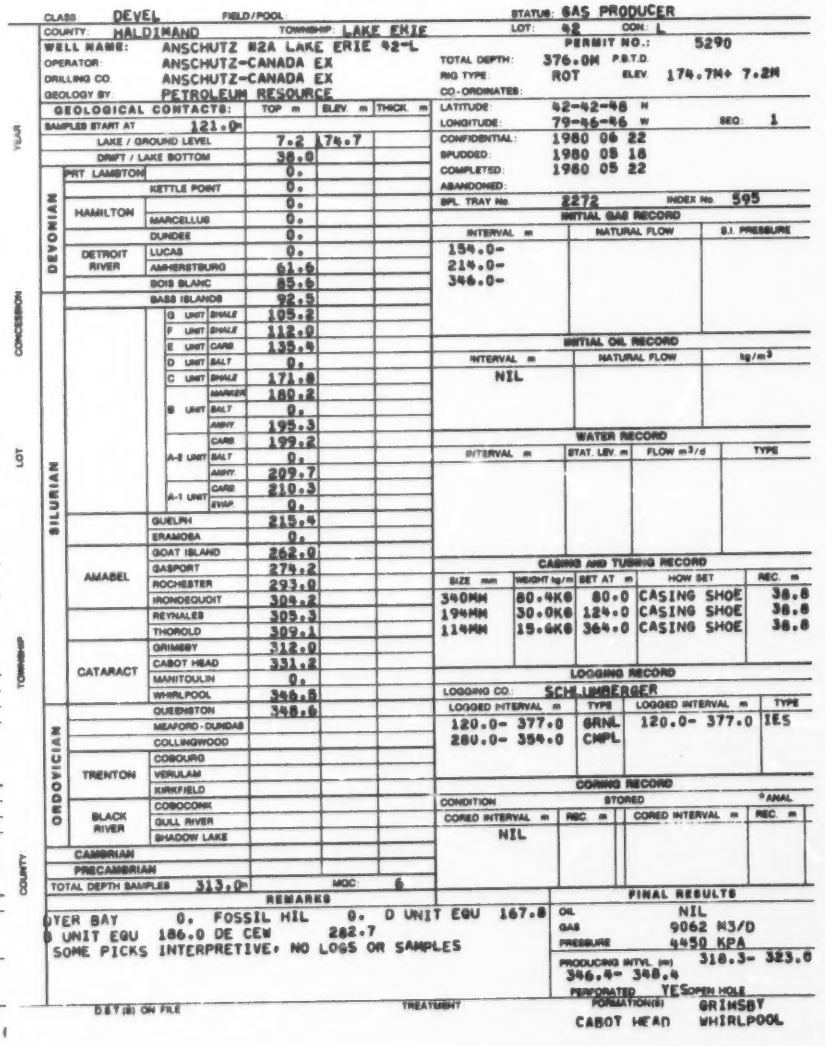
LOGGING RECORD
LOGGING CO.:
LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD
CONDITION STORED *ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS
NO SAMPLES
NO LOGS

FINAL RESULTS
OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT



CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 42 CON: L
WELL NAME: ANSCHUTZ #2A LAKE ERIE 42-L PERMIT NO.: 5290
OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 376.0M P.B.T.D.
DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.7M+ 7.2M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:
LATITUDE: 42-42-48 N
LONGITUDE: 79-46-46 W SEQ: 1
CONFIDENTIAL: 1980 06 22
SPUDDED: 1980 05 16
COMPLETED: 1980 05 22
ABANDONED:
SPL. TRAY No. 2272 INDEX No 595

GEOLOGICAL CONTACTS: TOP m | ELEV. m | THICK. m
SAMPLES START AT 121.0m
LAKE / GROUND LEVEL 7.2 | 174.7
DRIFT / LAKE BOTTOM 38.0

DEVONIAN: PRT. LAMBTON 0.; HAMILTON (KETTLE POINT 0., MARCELLUS 0., DUNDEE 0.); DETROIT RIVER (LUCAS 0., AMHERSTBURG 61.6, BOIS BLANC 85.6, BASS ISLANDS 92.5)
SILURIAN: G UNIT SHALE 105.2; F UNIT SHALE 112.0; E UNIT CARB 135.4; D UNIT SALT 0.; C UNIT SHALE 171.8; B UNIT (MARKER 180.2, SALT 0., ANHY 195.3); A-2 UNIT (CARB 199.2, SALT 0., ANHY 209.7); A-1 UNIT (CARB 210.3, EVAP 0.); GUELPH 215.4; ERAMOSA 0.; AMABEL (GOAT ISLAND 262.0, GASPORT 279.2, ROCHESTER 293.0, IRONDEQUOIT 304.2, REYNALES 309.3, THOROLD 309.1); CATARACT (GRIMSBY 312.0, CABOT HEAD 331.2, MANITOULIN 0., WHIRLPOOL 346.8)
ORDOVICIAN: QUEENSTON 348.6; MEAFORD-DUNDAS; COLLINGWOOD; TRENTON (COBOURG, VERULAM, KIRKFIELD); BLACK RIVER (COBOCONK, GULL RIVER, SHADOW LAKE)
CAMBRIAN
PRECAMBRIAN
TOTAL DEPTH SAMPLES 313.0m MOC: 6

INITIAL GAS RECORD
INTERVAL m	NATURAL FLOW	B.I. PRESSURE
154.0-		
214.0-		
346.0-		

INITIAL OIL RECORD
INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD
INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD
SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	80.4KG	80.0	CASING SHOE	38.8
194MM	30.0KG	124.0	CASING SHOE	38.8
114MM	15.6KG	364.0	CASING SHOE	38.8

LOGGING RECORD
LOGGING CO.: SCHLUMBERGER
LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
120.0- 377.0	GRNL	120.0- 377.0	IES
280.0- 354.0	CMPL		

CORING RECORD
CONDITION STORED *ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS
YER BAY 0. FOSSIL HIL 0. D UNIT EQU 167.8
UNIT EQU 186.0 DE CEW 282.7
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS
OIL NIL
GAS 9062 M3/D
PRESSURE 4450 KPA
PRODUCING INTVL (m) 318.3- 323.6
346.6- 348.4
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY WHIRLPOOL
CABOT HEAD

D.S.T.(S) ON FILE TREATMENT

HALDIMAND COUNTY

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 42 CON: 8

WELL NAME: ANSCHUTZ #4 LAKE ERIE 42-Q PERMIT NO.: 5304

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 396.5M P.B.T.D

DRILLING CO.: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.7M+ 6.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-41-15 N

LONGITUDE: 79-48-15 W SEQ: 1

CONFIDENTIAL: 1980 07 01

SPUDDED:

COMPLETED: 1980 06 01

ABANDONED:

BPL TRAY No. 3275 INDEX No. 594

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 101.0m					
LAKE / GROUND LEVEL			6.2	174.7	
DRIFT / LAKE BOTTOM			41.8		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG			
		BOIS BLANC			
SILURIAN	BASS ISLANDS		107.5		
		G UNIT SHALE	123.7		
		F UNIT SHALE	128.8		
		E UNIT CARB.	150.5		
		D UNIT SALT	0.		
		C UNIT SHALE	187.0		
		B UNIT MARKER	195.5		
		B UNIT SALT	0.		
		B UNIT ANHY	209.2		
		B UNIT CARB.	213.9		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY	226.6		
		A-2 UNIT CARB.	229.8		
		A-1 UNIT EVAP	231.9		
	GUELPH		232.5		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	237.9		
		GASPORT	251.2		
		ROCHESTER	299.5		
		IRONDEQUOIT			
	CATARACT	REYNALES	319.8		
		THOROLD	329.2		
		GRIMSBY	331.0		
		CABOT HEAD	342.2		
		MANITOULIN	363.0		
		WHIRLPOOL	364.2		
ORDOVICIAN	QUEENSTON		365.6		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 396.5m MOC:

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
323.9-	SHOW	
332.9-	SHOW	
342.2-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	99.0	CEMENTED	
194MM	29.8KG	137.0		

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
130.7- 396.5	GRNL	130.7- 370.0	IES
130.7- 396.5	DENL		

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 182.0
B UNIT EQU 202.0
CRITICAL MISSING SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(s) ON FILE TREATMENT

CLASS: EXTEN FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 42 CON: 7

WELL NAME: ANSCHUTZ #3 LAKE ERIE 42-I PERMIT NO.: 5297

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 395.0M P.B.T.D

DRILLING CO.: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.7M+ 5.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-41-13 N

LONGITUDE: 79-48-46 W SEQ: 1

CONFIDENTIAL: 1981 05 24

SPUDDED: 1980 05 19

COMPLETED: 1980 05 24

ABANDONED:

BPL TRAY No. 2511 INDEX No. 589

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 144.0m					
LAKE / GROUND LEVEL			5.5	174.7	
DRIFT / LAKE BOTTOM			41.2		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	80.6		
		BOIS BLANC	109.6		
SILURIAN	BASS ISLANDS		112.5		
		G UNIT SHALE	126.0		
		F UNIT SHALE	131.1		
		E UNIT CARB.	152.0		
		D UNIT SALT	0.		
		C UNIT SHALE	190.8		
		B UNIT MARKER	197.3		
		B UNIT SALT	0.		
		B UNIT ANHY	212.3		
		B UNIT CARB.	215.2		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY	0.		
		A-2 UNIT CARB.	227.2		
		A-1 UNIT EVAP	0.		
	GUELPH		233.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	241.7		
		GASPORT	256.1		
		ROCHESTER	300.7		
		IRONDEQUOIT	321.3		
	CATARACT	REYNALES	322.2		
		THOROLD	329.2		
		GRIMSBY	331.8		
		CABOT HEAD	352.0		
		MANITOULIN	0.		
		WHIRLPOOL	364.8		
ORDOVICIAN	QUEENSTON		368.8		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 393.0m MOC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
337.0-		4719 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	98.3	CEMENTED	
193MM	39.3KG	142.0	CEMENTED	
114MM	9.5KG	385.9	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
36.0- 391.5	GRNL	142.0- 391.0	IES
313.0- 373.0	CMPL		

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 185.4 B UNIT EQU 203.2
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE. NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS 8383 M3/D
PRESSURE 4719 KPA
PRODUCING INTVL (m) 337.2- 342.5
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY

1 D.S.T.(s) ON FILE TREATMENT

WELL SUMMARY CARDS LISTED ALPHABETICALLY BY COUNTY & TOWNSHIP

CLASS: DEVEL FIELD/POOL: HALDIMAND STATUS: GAS SHOW

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 42 CON: X

WELL NAME: ANSCHUTZ #4 LAKE ERIE 42-X PERMIT NO.: 5305

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 415.0M P.B.T.D:

DRILLING CO.: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV: 174.6M+ 5.6M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-40-15 N

LONGITUDE: 79-48-15 W SEC 1

CONFIDENTIAL: 1980 07 04

SPUDDED: 1980 05 27

COMPLETED: 1980 06 04

ABANDONED: 1980 06 04

SPL TRAY No. 3092 INDEX No 591

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 150.0 m					
LAKE / GROUND LEVEL			5.6	174.6	
DRIFT / LAKE BOTTOM			42.6		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	74.0		
		BOIS BLANC	113.0		
		BASS ISLANDS	123.0		
SILURIAN		G UNIT SHALE	139.5		
		F UNIT SHALE	144.3		
		E UNIT CARB.	167.0		
		D UNIT SALT	0.		
		C UNIT SHALE	204.0		
		MARKER	212.3		
		B UNIT SALT	0.		
		ANHY.	226.3		
		CARB.	236.5		
		A-2 UNIT SALT	0.		
		ANHY.	244.5		
		A-1 UNIT CARB.	242.9		
		EVAP.	245.9		
	GUELPH		247.6		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	256.1		
		GASPORT	271.6		
		ROCHESTER	318.3		
		IRONDEQUOIT			
	CATARACT	REYNALES	337.0		
		THOROLD	341.8		
		GRIMSBY	346.3		
		CABOT HEAD	354.8		
		MANITOULIN	0.		
		WHIRLPOOL	379.8		
ORDOVICIAN		QUEENSTON	384.4		
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 414.0m MOC:

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
346.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
339MM	71.4KG	100.0	CASING SHOE	42.6
193MM	39.3KG	143.6	CASING SHOE	42.6

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
40.0- 416.0	GRNL	40.0- 416.0	CALP
143.5- 416.0	IES		

CORING RECORD

CONDITION STORED °ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. D. UNIT EQU 199.0 B UNIT EQU 218.0

DYER BAY 0.

POOR AGREEMENT BETWEEN LOG AND SAMPLES

FINAL RESULTS

OIL NIL GAS NIL PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT:

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 43 CON: D

WELL NAME: PLACE MITCH #43 LAKE ERIE 43-D PERMIT NO.: 5369

OPERATOR: MITCHELL ENERGY TOTAL DEPTH: 349.0M P.B.T.D

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.6M+ 6.9M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-44-47 N

LONGITUDE: 79-53-57 W SEC 1

CONFIDENTIAL: 1980 08 13

SPUDDED: 1980 07 10

COMPLETED: 1980 07 13

ABANDONED:

SPL TRAY No. 2269 INDEX No 598

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 104.0m					
LAKE / GROUND LEVEL			6.9	174.6	
DRIFT / LAKE BOTTOM			26.9		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	37.6		
		BOIS BLANC	58.5		
		BASS ISLANDS	69.8		
SILURIAN		G UNIT SHALE	81.4		
		F UNIT SHALE	86.2		
		E UNIT CARB.	109.9		
		D UNIT SALT	0.		
		C UNIT SHALE	143.9		
		MARKER	151.3		
		B UNIT SALT	0.		
		ANHY.	165.0		
		CARB.	166.9		
		A-2 UNIT SALT	0.		
		ANHY.	177.0		
		A-1 UNIT CARB.	176.5		
		EVAP.	181.9		
	GUELPH		182.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	192.1		
		GASPORT	200.1		
		ROCHESTER	261.9		
		IRONDEQUOIT	282.9		
	CATARACT	REYNALES	283.3		
		THOROLD	286.2		
		GRIMSBY	288.6		
		CABOT HEAD	305.0		
		MANITOULIN	0.		
		WHIRLPOOL	324.0		
ORDOVICIAN		QUEENSTON	327.7		
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 348.0m MOC: A

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	101.2	CEMENTED	26.5
114MM	14.1KG	345.0	CEMENTED	26.5
60MM	6.9KG	280.1	HANGING	26.5

LOGGING RECORD

LOGGING CO:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 348.0	GRNL	20.0- 348.0	CALP
20.0- 348.0	DENL	102.0- 344.0	IES
275.0- 336.0	CMPL		

CORING RECORD

CONDITION STORED °ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. DE CEW 0.

B UNIT EQU 140.1 B UNIT EQU 156.3

POOR AGREEMENT BETWEEN LOG AND SAMPLES

POOR SAMPLE QUALITY

SOME PICKS INTERPRETIVE; NO LOGS OR SAMPLES

POWER GLEN PRESENT

FINAL RESULTS

OIL NIL GAS 2800 M3/D PRESSURE

PRODUCING INTVL (m) 292.5- 327.5

PERFORATED YES OPEN HOLE

FORMATION(S) WHIRLPOOL GRIMSBY

D.S.T.(S) ON FILE TREATMENT: ACID

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 43 CON: X

WELL NAME: ANSCHUTZ #4 LAKE ERIE 43-X PERMIT NO.: 5296

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 415.0M P.B.T.D.

DRILLING CO.: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 176.6M+ 6.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-40-18 N

LONGITUDE: 79-53-12 W SEC: 1

CONFIDENTIAL: 1980 07 11

SPUDDED: 1980 06 03

COMPLETED: 1980 06 11

ABANDONED:

SPL. TRAY No. 4530 INDEX No. 600

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 167.0m					
LAKE / GROUND LEVEL			6.2	176.6	
DRIFT / LAKE BOTTOM			42.0		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG			
		BOIS BLANC	108.0		
		BASS ISLANDS	118.4		
SILURIAN		G UNIT SHALE	130.6		
		F UNIT SHALE	195.2		
		E UNIT CARB.	164.8		
		D UNIT SALT	0.		
		C UNIT SHALE	204.0		
		MARKER	212.1		
		B UNIT SALT	0.		
		ANHY	225.7		
		CARB.	228.8		
		A-2 UNIT SALT	0.		
		ANHY	290.2		
		CARB.	291.3		
		A-1 UNIT EVAP.	0.		
	GUELPH		294.8		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	256.7		
		GASPORT	262.9		
		ROCHESTER	323.0		
		IRONDEQUOIT	340.3		
		REYNALES	341.7		
		THOROLD	349.0		
	CATARACT	GRIMSBY	349.1		
		CABOT HEAD	359.7		
		MANITOULIN	0.		
		WHIRLPOOL	382.8		
ORDOVICIAN	QUEENSTON		388.5		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 415.0m MDC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
350.0- 340.0- 362.0	674 M3/D	4141 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
339MM	71.3KG	88.0	CASING SHOE	41.8
194MM	29.8KG	130.4	CASING SHOE	41.8

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
131.5- 414.0	GR/NL		

CORING RECORD

CONDITION	STORED	°ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

DE CEW 0. FOSSIL HIL 0. DYER BAY 0.
D UNIT EQU 198.8 B UNIT EQU 217.6
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS 674 M3/D
PRESSURE 4141 KPA
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

1 D.S.T.(s) ON FILE TREATMENT

41

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 44 CON: C

WELL NAME: PLACE-MITC #44 LAKE ERIE 44-C PERMIT NO.: 5410

OPERATOR: MITCHELL ENERGY TOTAL DEPTH: 349.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 176.6M+ 6.6M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-44-15 N

LONGITUDE: 79-57-03 W SEC: 1

CONFIDENTIAL: 1980 08 20

SPUDDED: 1980 07 18

COMPLETED: 1980 07 20

ABANDONED:

SPL. TRAY No. 2569 INDEX No. 610

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 102.0m					
LAKE / GROUND LEVEL			6.4	176.6	
DRIFT / LAKE BOTTOM					
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS			
		AMHERSTBURG			
		BOIS BLANC	71.6		
		BASS ISLANDS	79.0		
SILURIAN		G UNIT SHALE	92.2		
		F UNIT SHALE	97.8		
		E UNIT CARB.	119.5		
		D UNIT SALT	0.		
		C UNIT SHALE	154.8		
		MARKER	162.1		
		B UNIT SALT	0.		
		ANHY	175.2		
		CARB.	177.5		
		A-2 UNIT SALT	0.		
		ANHY	188.0		
		CARB.	189.3		
		A-1 UNIT EVAP.	192.8		
	GUELPH		193.6		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	204.3		
		GASPORT	211.4		
		ROCHESTER	270.8		
		IRONDEQUOIT	288.2		
		REYNALES	289.6		
		THOROLD	292.6		
	CATARACT	GRIMSBY	295.7		
		CABOT HEAD	302.9		
		MANITOULIN	0.		
		WHIRLPOOL	327.8		
ORDOVICIAN	QUEENSTON		331.9		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 349.0m MDC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	97.2	CEMENTED	26.8
114MM	16.1KG	347.5	CEMENTED	26.8
60MM	6.9KG	275.5	HANGING	26.8

LOGGING RECORD

LOGGING CO:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION	STORED	°ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 149.8 B UNIT EQU 167.4
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS 2700 M3/D
PRESSURE
PRODUCING INTVL (m) 296.2- 318.8
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY
CABOT HEAD

D.S.T.(s) ON FILE TREATMENT

41

WELL SUMMARY CARDS LISTED ALPHABETICALLY BY COUNTY & TOWNSHIP

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 44 CON: D

WELL NAME: PLACE-MITCH 44 LAKE ERIE 44-D PERMIT NO.: 5368

OPERATOR: MITCHELL ENERGY TOTAL DEPTH: 353.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.6M+ 6.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-44-01 N

LONGITUDE: 79-58-56 W REG. 1

CONFIDENTIAL: 1980 08 09

SPUDDED: 1980 07 05

COMPLETED: 1980 07 09

ABANDONED:

BPL TRAY No. 4536 INDEX No. 605

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 102.0					
LAKE / GROUND LEVEL			6.4	174.6	
DRIFT / LAKE BOTTOM			30.0		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
			0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	33.0		
	BOIS BLANC		71.7		
SILURIAN	BASS ISLANDS		76.6		
	G UNIT	SHALE	87.9		
	F UNIT	SHALE	91.5		
	E UNIT	CARB.	112.4		
	D UNIT	SALT	0.		
	C UNIT	SHALE	148.0		
		MARKER	154.5		
	B UNIT	SALT	0.		
		ANHY.	167.0		
		CARB.	171.1		
	A-2 UNIT	SALT	0.		
		ANHY.			
	A-1 UNIT	CARB.	181.7		
		EVAP.	0.		
	GUELPH		185.4		
	BRAMOSA		0.		
	AMABEL	GOAT ISLAND	199.8		
		GASPORT	203.2		
		ROCHESTER	272.2		
		IRONDEQUOIT	289.2		
		REYNALES	291.0		
		THOROLD	292.9		
	CATARACT	GRIMSBY	295.0		
		CABOT HEAD	310.3		
		MANITOULIN	0.		
		WHIRLPOOL	331.0		
ORDOVICIAN	QUEENSTON		332.7		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 353.0			MDC: 6		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
298.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	97.8	CEMENTED	26.7
114MM	14.1KG	350.9	CEMENTED	26.7
60MM	7.0KG	284.2	HANGING	26.7

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
30.0- 352.0	GRNL	30.0- 352.0	CALP
30.0- 352.0	DENL	100.0- 348.0	LATL
275.0- 342.0	CMPL		

CORING RECORD

CONDITION	STORED		°ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.
0 UNIT EQU 142.9 B UNIT EQU 160.0
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED FORMATION(S) OPEN HOLE

S.E.Y.(s) ON FILE TREATMENT

41

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 44 CON: E

WELL NAME: PLACE-MITCHELL LAKE ERIE 44-E PERMIT NO.: 5370

OPERATOR: MITCHELL ENERGY TOTAL DEPTH: 368.5M P.B.T.D. 356.0M

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.4M+13.0M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-44-03 N

LONGITUDE: 79-59-54 W REG. 1

CONFIDENTIAL: 1980 07 12

SPUDDED: 1980 06 09

COMPLETED: 1980 06 12

ABANDONED:

BPL TRAY No. 2575 INDEX No. 592

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 102.0					
LAKE / GROUND LEVEL			13.0	174.4	
DRIFT / LAKE BOTTOM			31.5		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
			0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG			
	BOIS BLANC		76.4		
SILURIAN	BASS ISLANDS		82.2		
	G UNIT	SHALE	93.6		
	F UNIT	SHALE	97.2		
	E UNIT	CARB.	118.9		
	D UNIT	SALT	0.		
	C UNIT	SHALE	153.7		
		MARKER	159.0		
	B UNIT	SALT	0.		
		ANHY.	172.7		
		CARB.	176.9		
	A-2 UNIT	SALT	0.		
		ANHY.	186.8		
	A-1 UNIT	CARB.	187.1		
		EVAP.	190.1		
	GUELPH		191.9		
	BRAMOSA		0.		
	AMABEL	GOAT ISLAND	208.8		
		GASPORT	222.2		
		ROCHESTER	281.9		
		IRONDEQUOIT	298.2		
		REYNALES	299.8		
		THOROLD	301.6		
	CATARACT	GRIMSBY	305.3		
		CABOT HEAD	317.9		
		MANITOULIN	0.		
		WHIRLPOOL	337.8		
ORDOVICIAN	QUEENSTON		342.9		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 368.5			MDC: 6		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
307.4- 319.7	142 M3/D	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	99.0	CEMENTED	31.7
114MM	14.1KG	366.0	CEMENTED	31.7
60MM	7.0KG	291.7	HANGING	31.7

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
99.0- 368.3	GRNL	99.0- 365.0	LATL
99.0- 368.3	DENL		

CORING RECORD

CONDITION	STORED		°ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

DE CEW 0. FOSSIL HIL 0. OYER BAY 0.
0 UNIT EQU 148.5 B UNIT EQU 168.0
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS 849 M3/D
PRESSURE
PRODUCING INTVL (m) 307.4- 319.7
PERFORATED FORMATION(S) YES OPEN HOLE GRIMSBY CABOT HEAD

S.E.Y.(s) ON FILE TREATMENT

HALDIMAND COUNTY

95

CLASS: DEEPE FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 45 CON: E

WELL NAME: PLACE-MITCHELL LAKE ERIE 45-E PERMIT NO.: 5229

OPERATOR: MITCHELL ENERGY TOTAL DEPTH: 1134.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+13.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 133.0m			
LAKE / GROUND LEVEL	13.3	174.7	
DRIFT / LAKE BOTTOM	21.7		
DEVONIAN — PRT. LAMBTON	0.		
DEVONIAN — HAMILTON — KETTLE POINT	0.		
DEVONIAN — HAMILTON — MARCELLUS	0.		
DEVONIAN — DUNDEE	0.		
DEVONIAN — DETROIT RIVER — LUCAS	0.		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	43.0		
DEVONIAN — BOIS BLANC	58.7		
SILURIAN — BASS ISLANDS	59.8		
SILURIAN — G UNIT SHALE	70.7		
SILURIAN — F UNIT SHALE	81.8		
SILURIAN — E UNIT CARB.	104.3		
SILURIAN — D UNIT SALT	0.		
SILURIAN — C UNIT SHALE	141.5		
SILURIAN — B UNIT MARIGN	148.7		
SILURIAN — B UNIT SALT	0.		
SILURIAN — B UNIT ANHY.	162.1		
SILURIAN — A-2 UNIT CARB.	166.5		
SILURIAN — A-2 UNIT SALT	0.		
SILURIAN — A-2 UNIT ANHY.	0.		
SILURIAN — A-1 UNIT CARB.	179.8		
SILURIAN — A-1 UNIT EVAP.	0.		
SILURIAN — GUELPH	181.3		
SILURIAN — ERAMOSA	0.		
SILURIAN — AMABEL — GOAT ISLAND	222.6		
SILURIAN — AMABEL — GASPORT	252.1		
SILURIAN — AMABEL — ROCHESTER	260.9		
SILURIAN — AMABEL — IRONDEQUOIT	273.3		
SILURIAN — REYNALES	276.1		
SILURIAN — THOROLD	277.8		
SILURIAN — CATARACT — GRIMSBY	279.9		
SILURIAN — CATARACT — CABOT HEAD	296.8		
SILURIAN — CATARACT — MANITOULIN	0.		
SILURIAN — CATARACT — WHIRLPOOL	312.7		
ORDOVICIAN — QUEENSTON	317.7		
ORDOVICIAN — MEAFORD-DUNDAS	695.5		
ORDOVICIAN — COLLINGWOOD	756.0		
ORDOVICIAN — TRENTON — COBOURG	799.8		
ORDOVICIAN — TRENTON — VERULAM	832.5		
ORDOVICIAN — TRENTON — KIRKFIELD	883.0		
ORDOVICIAN — BLACK RIVER — COBOCONK	931.0		
ORDOVICIAN — BLACK RIVER — GULL RIVER	977.7		
ORDOVICIAN — BLACK RIVER — SHADOW LAKE	1010.8		
CAMBRIAN	1011.7		
PRECAMBRIAN	1102.8		
TOTAL DEPTH SAMPLES 1133.0m	MOC: 6		

LATITUDE: 42-44-25 N

LONGITUDE: 80-04-25 W SEQ: 1

CONFIDENTIAL: 1981 05 29

SPUDDED: 1980 05 21

COMPLETED: 1980 05 29

ABANDONED:

SPL. TRAY No. 4360 INDEX No. 587

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
183.0-	SHOW	
565.0-	SHOW	
1000.0-1100.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
1000.0-1100.0	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	129.8	CEMENTED	22.1
114MM	14.1KG	113.2	CEMENTED	22.1
60MM	7.0KG	999.7		22.1

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
129.5-1134.0	GRNL	129.5-1133.5	SONL
129.5-1133.0	LATL		

CORING RECORD

CONDITION	STORED	*ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
180.0- 291.0		1014.0-1111.0	

REMARKS

OTEN BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 135.1 B UNIT EQU 154.0
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS 8008 M3/D
PRESSURE
PRODUCING INTVL (m) 283.2- 291.4
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY

D.S.T.(s) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: LOST HOLE -ABD

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 45 CON: E

WELL NAME: PLACE MITCHEL LAKE ERIE 45-E PERMIT NO.: 5229

OPERATOR: MITCHELL, ELGIN TOTAL DEPTH: 79.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.6M+13.6M

GEOLOGY BY: CO-ORDINATES:

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT m			
LAKE / GROUND LEVEL	13.4	174.6	
DRIFT / LAKE BOTTOM	0.		

LATITUDE: 42-44-16 N

LONGITUDE: 80-04-17 W SEQ: 1

CONFIDENTIAL: 1981 05 21

SPUDDED: 1980 05 19

COMPLETED: 1980 05 21

ABANDONED: 1980 05 21

SPL. TRAY No. INDEX No.

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m

LOGGING RECORD

LOGGING CO:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION	STORED	*ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

NO SAMPLES
NO LOGS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(s) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 45 CON: P

WELL NAME: PLACE MITCHELL LAKE ERIE 45-P PERMIT NO.: 5227

OPERATOR: MITCHELL ENERGY TOTAL DEPTH: 367.0M P.B.T.D. 351.0M

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.3M+12.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-41-55 N

LONGITUDE: 80-04-19 W SEC: 1

CONFIDENTIAL: 1980 06 05

SPUDDED: 1980 05 02

COMPLETED: 1980 05 05

ABANDONED:

SPL. TRAY No. 2633 INDEX No. 586

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			117.0+		
LAKE / GROUND LEVEL			12.4	174.3	
DRIFT / LAKE BOTTOM					
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG			
		BOIS BLANC	73.9		
		BASS ISLANDS	89.2		
SILURIAN		G UNIT SHALE	108.0		
		F UNIT SHALE	111.5		
		E UNIT CARB.	130.5		
		D UNIT SALT	0.		
		C UNIT SHALE	170.6		
		MARKER	177.3		
		B UNIT SALT	0.		
		ANHY	190.3		
		CARB.	194.4		
		A-2 UNIT SALT	0.		
		ANHY	0.		
		CARB.	202.5		
		A-1 UNIT EVAP.	0.		
	GUELPH		208.8		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	240.8		
		GASPORT	261.7		
		ROCHESTER	292.8		
		IRONDEQUOIT	0.		
		REYNALES	306.6		
		THOROLD	309.5		
	CATARACT	GRIMSBY	311.1		
		CABOT HEAD	329.2		
		MANITOULIN	0.		
		WHIRLPOOL	345.7		
ORDOVICIAN	QUEENSTON		350.8		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 366.0+ MOC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
312.0- 324.5	651 M3/D	2340 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	113.7	CEMENTED	31.4
114MM	14.1KG	359.0	CEMENTED	31.4
60MM	7.0KG	302.0	HANGING	31.4

LOGGING RECORD

LOGGING CO.: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
111.0- 363.5	GRNL	111.0- 361.0	LATL
111.0- 363.0	DENL		

CORING RECORD

CONDITION	STORED	*ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 164.6
B UNIT EQU 182.5 DE CEN 272.8
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS 651 M3/D
PRESSURE 2340 KPA
PRODUCING INTVL (m) 312.0- 324.5
PERFORATED OPEN HOLE
FORMATION(S) GRIMSBY

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 45 CON: Y

WELL NAME: PLACE-MITCH #45 LAKE ERIE 45-Y PERMIT NO.: 5226

OPERATOR: MITCHELL ENERGY TOTAL DEPTH: 377.0M P.B.T.D. 370.6M

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+ 6.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-40-25 N

LONGITUDE: 80-04-26 W SEC: 1

CONFIDENTIAL: 1980 09 03

SPUDDED: 1980 07 31

COMPLETED: 1980 08 03

ABANDONED:

SPL. TRAY No. 2627 INDEX No. 611

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			97.0+		
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			30.5		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	52.0		
		BOIS BLANC	85.4		
		BASS ISLANDS	97.8		
SILURIAN		G UNIT SHALE	115.0		
		F UNIT SHALE	120.0		
		E UNIT CARB.	140.2		
		D UNIT SALT	0.		
		C UNIT SHALE	179.8		
		MARKER	188.1		
		B UNIT SALT	0.		
		ANHY	201.9		
		CARB.	205.0		
		A-2 UNIT SALT	0.		
		ANHY	215.9		
		CARB.	216.6		
		A-1 UNIT EVAP.	0.		
	GUELPH		220.2		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	236.7		
		GASPORT	241.8		
		ROCHESTER	302.0		
		IRONDEQUOIT	317.0		
		REYNALES	318.2		
		THOROLD	320.6		
	CATARACT	GRIMSBY	323.5		
		CABOT HEAD	335.0		
		MANITOULIN	0.		
		WHIRLPOOL	356.7		
ORDOVICIAN	QUEENSTON		362.0		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 375.0+ MOC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
330.0- 340.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
244MM	53.6KG	57.3	CEMENTED	30.7
178MM	29.7KG	164.9	CEMENTED	30.7
114MM	14.1KG	375.2	CEMENTED	30.7
60MM	6.9KG	311.8	HANGING	30.7

LOGGING RECORD

LOGGING CO.: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 377.0	GRNL	20.0- 377.0	CALP
20.0- 377.0	DENL	167.0- 372.0	LATL
277.0- 370.0	CMPL		

CORING RECORD

CONDITION	STORED	*ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

DE CEN 0. FOSSIL HIL 0. DYER BAY 0.
D UNIT EQU 174.6 B UNIT EQU 193.1
SPRINGVALE AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS 13000 M3/D
PRESSURE
PRODUCING INTVL (m) 322.5- 361.4
PERFORATED YES OPEN HOLE
FORMATION(S) THOROLD WHIRLPOOL

D.S.T.(S) ON FILE TREATMENT ACID

HALDIMAND COUNTY

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 46 CON: 1

WELL NAME: PLACE-MITCHELL LAKE ERIE 46-1 PERMIT NO.: 5371

OPERATOR: MITCHELL ENERGY TOTAL DEPTH: 358.6M P.B.T.D.

DRILLING CO. UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+13.1M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 102.0			
LAKE / GROUND LEVEL	13.1	174.7	
DRIFT / LAKE BOTTOM	28.0		
DEVONIAN — PRT. LAMBTON	0.		
DEVONIAN — KETTLE POINT	0.		
DEVONIAN — HAMILTON	0.		
DEVONIAN — MARCELLUS	0.		
DEVONIAN — DUNDEE	39.0		
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG	53.0		
SOIS BLANC	79.0		
BASS ISLANDS	79.5		
SILURIAN — G UNIT SHALE	98.4		
SILURIAN — F UNIT SHALE	109.3		
SILURIAN — E UNIT CARB.	127.0		
SILURIAN — D UNIT SALT	0.		
SILURIAN — C UNIT SHALE	163.2		
SILURIAN — C UNIT ANHYDR.	171.0		
SILURIAN — B UNIT SALT	0.		
SILURIAN — B UNIT ANHY.	189.2		
SILURIAN — B UNIT CARB.	187.9		
SILURIAN — A-2 UNIT SALT	0.		
SILURIAN — A-2 UNIT ANHY.	198.9		
SILURIAN — A-1 UNIT CARB.	199.9		
SILURIAN — A-1 UNIT EVAP.	0.		
SILURIAN — GUELPH	202.6		
SILURIAN — BRAMOSA	0.		
SILURIAN — AMABEL — GOAT ISLAND	221.8		
SILURIAN — AMABEL — GASPORT	228.3		
SILURIAN — AMABEL — ROCHESTER	281.8		
SILURIAN — AMABEL — IRONDEQUOIT	292.6		
SILURIAN — AMABEL — REYNALES	295.6		
SILURIAN — AMABEL — THOROLD	296.8		
SILURIAN — CATARACT — GRIMSBY	302.8		
SILURIAN — CATARACT — CABOT HEAD	310.3		
SILURIAN — CATARACT — MANITOULIN	0.		
SILURIAN — CATARACT — WHIRLPOOL	332.3		
ORDOVICIAN — QUEENSTON	336.8		
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			

TOTAL DEPTH SAMPLES 358.0 MOC: 6

LATITUDE: 42-43-12 N

LONGITUDE: 80-06-02 W SEQ: 1

CONFIDENTIAL: 1980 07 07

STUDDED: 1980 06 04

COMPLETED: 1980 06 07

ABANDONED:

SPL. TRAY No. 3058 INDEX No. 590

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
310.5- 312.6	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
306.5- 308.2	SHOW	
332.0- 338.0	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM		95.3	CEMENTED	
114MM		354.2	CEMENTED	
60MM		301.0	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
24.0- 359.5	GRNL	24.0- 359.5	DENL
95.3- 352.4	LATL		

CORING RECORD

CONDITION	STORED	*ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

DE CEW 0. FOSSIL HIL 0. DYER BAY 0.
D UNIT EQU 157.7 B UNIT EQU 176.1
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL SHOW
GAS SHOW
PRESSURE
PRODUCING INTVL (m)
PERFORATED YES OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

11

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 46 CON: L

WELL NAME: ANSCHUTZ #4 LAKE ERIE 46-L PERMIT NO.: 5306

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 442.0M P.B.T.D.

DRILLING CO. ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.6M+ 6.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 110.0			
LAKE / GROUND LEVEL	6.3	174.6	
DRIFT / LAKE BOTTOM	51.7		
DEVONIAN — PRT. LAMBTON	0.		
DEVONIAN — KETTLE POINT	0.		
DEVONIAN — HAMILTON	0.		
DEVONIAN — MARCELLUS	0.		
DEVONIAN — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG	88.5		
SOIS BLANC	133.5		
BASS ISLANDS	143.5		
SILURIAN — G UNIT SHALE	161.6		
SILURIAN — F UNIT SHALE	167.5		
SILURIAN — E UNIT CARB.	182.8		
SILURIAN — D UNIT SALT	0.		
SILURIAN — C UNIT SHALE	226.0		
SILURIAN — C UNIT ANHYDR.	235.8		
SILURIAN — B UNIT SALT	0.		
SILURIAN — B UNIT ANHY.	249.8		
SILURIAN — B UNIT CARB.	252.9		
SILURIAN — A-2 UNIT SALT	0.		
SILURIAN — A-2 UNIT ANHY.	263.8		
SILURIAN — A-1 UNIT CARB.	264.8		
SILURIAN — A-1 UNIT EVAP.	267.8		
SILURIAN — GUELPH	268.6		
SILURIAN — BRAMOSA	0.		
SILURIAN — AMABEL — GOAT ISLAND	280.4		
SILURIAN — AMABEL — GASPORT	289.5		
SILURIAN — AMABEL — ROCHESTER	347.6		
SILURIAN — AMABEL — IRONDEQUOIT	362.8		
SILURIAN — AMABEL — REYNALES	365.6		
SILURIAN — AMABEL — THOROLD	369.8		
SILURIAN — CATARACT — GRIMSBY	371.5		
SILURIAN — CATARACT — CABOT HEAD	385.2		
SILURIAN — CATARACT — MANITOULIN	0.		
SILURIAN — CATARACT — WHIRLPOOL	403.7		
ORDOVICIAN — QUEENSTON	409.5		
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			

TOTAL DEPTH SAMPLES 430.0 MOC: 6

LATITUDE: 42-37-16 N

LONGITUDE: 79-46-15 W SEQ: 1

CONFIDENTIAL: 1980 08 06

STUDDED: 1980 07 02

COMPLETED: 1980 07 06

ABANDONED:

SPL. TRAY No. 5886 INDEX No. 612

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
402.0- 412.0	3455 M3/D	5410 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	80.4KG	113.9	CEMENTED	
114MM	15.6KG	427.3	CEMENTED	
60MM	6.0KG	358.7	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
50.0- 440.5	GRNL	50.0- 440.5	CALP
50.0- 440.5	DENL	113.0- 440.0	IES
350.0- 415.0	CMPL		

CORING RECORD

CONDITION	STORED	*ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 220.9 B UNIT EQU 241.1
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS 3455 M3/D
PRESSURE 5410 KPA
PRODUCING INTVL (m) 372.3- 379.3
379.5- 381.5 405.8- 408.7
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY WHIRLPOOL

1 DST(S) ON FILE TREATMENT ACID

11

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 66 CON: H

WELL NAME: ANSCHUTZ #1 LAKE ERIE 66-H PERMIT NO.: 5488

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 433.0M P.B.T.D.

DRILLING CO. ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 176.6M+ 6.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-37-45 N SEQ: 1

LONGITUDE: 79-37-11 W

CONFIDENTIAL: 1980 08 12

SPUDDED: 1980 07 09

COMPLETED: 1980 07 12

ABANDONED:

SPL. TRAY No. 5868 INDEX No. 613

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 123.0P			
LAKE / GROUND LEVEL	0.3	176.6	
DRIFT / LAKE BOTTOM			
DEVONIAN — PRT. LAMBTON	0.		
HAMILTON — KETTLE POINT	0.		
HAMILTON — MARCELLUS	0.		
DUNDEE			
DETROIT RIVER — LUCAS			
DETROIT RIVER — AMHERSTBURG	83.5		
BOIS BLANC	122.3		
BASS ISLANDS	139.8		
SILURIAN — G UNIT SHALE	152.0		
F UNIT SHALE	159.2		
E UNIT CARB.	180.8		
D UNIT SALT	0.		
C UNIT SHALE	217.3		
B UNIT MANNERS	228.3		
B UNIT SALT	0.		
B UNIT ANHY.	239.2		
A-2 UNIT CARB.	241.8		
A-2 UNIT SALT	0.		
A-2 UNIT ANHY.			
A-1 UNIT CARB.	253.8		
A-1 UNIT EVAP.	257.2		
GUELPH	258.8		
ERAMOSA	0.		
AMABEL — GOAT ISLAND	267.3		
AMABEL — GASPORT	277.2		
AMABEL — ROCHESTER	330.6		
AMABEL — IRONDEQUOIT	353.9		
AMABEL — REYNALES	354.9		
AMABEL — THOROLD	357.8		
CATARACT — GRIMSBY	360.8		
CATARACT — CABOT HEAD	373.7		
CATARACT — MANITOULIN	0.		
CATARACT — WHIRLPOOL	396.6		
ORDOVICIAN — QUEENSTON	399.6		
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
TRENTON — COBOURG			
TRENTON — VERULAM			
TRENTON — KIRKFIELD			
BLACK RIVER — COBOCONK			
BLACK RIVER — GULL RIVER			
BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 261.0P		MOC:	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
355.0- 376.0	4390 M3/D	4246 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	80.4KG	115.8	CEMENTED	
114MM	15.6KG	429.7	CEMENTED	
60MM	4.7KG	335.6	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
50.0- 432.0	GRNL.	50.0- 432.0	CALP
50.0- 432.0	DENL.	113.7- 431.5	IES
340.0- 414.0	CMPL.		

CORING RECORD

CONDITION	STORED	*ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 211.8 B UNIT EQU 230.6
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY
CRITICAL MISSING SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

1 DST.(S) ON FILE TREATMENT: ACID

FINAL RESULTS

OIL NIL
GAS 4390 M3/D
PRESSURE 4246 KPA

PRODUCING INTVL (m) 363.8- 365.0
370.7- 371.7 398.3- 399.6

PERFORATED YES OPEN HOLE

FORMATION(S) GRIMSBY
WHIRLPOOL

41

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW *ABD

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 66 CON: G

WELL NAME: ANSCHUTZ #2 LAKE ERIE 66-G PERMIT NO.: 5281

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 437.0M P.B.T.D.

DRILLING CO. ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 176.6M+ 5.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-36-48 N

LONGITUDE: 79-38-49 W SEQ: 1

CONFIDENTIAL: 1980 08 13

SPUDDED: 1980 07 08

COMPLETED: 1980 07 13

ABANDONED: 1980 07 13

SPL. TRAY No. 4828 INDEX No. 606

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 128.0P			
LAKE / GROUND LEVEL	0.5	176.6	
DRIFT / LAKE BOTTOM	50.0		
DEVONIAN — PRT. LAMBTON	0.		
HAMILTON — KETTLE POINT	0.		
HAMILTON — MARCELLUS	0.		
DUNDEE			
DETROIT RIVER — LUCAS			
DETROIT RIVER — AMHERSTBURG	92.2		
BOIS BLANC	130.8		
BASS ISLANDS	139.5		
SILURIAN — G UNIT SHALE	149.2		
F UNIT SHALE	165.9		
E UNIT CARB.	188.8		
D UNIT SALT	0.		
C UNIT SHALE	229.9		
B UNIT MANNERS	232.3		
B UNIT SALT	0.		
B UNIT ANHY.	245.9		
A-2 UNIT CARB.	248.5		
A-2 UNIT SALT	0.		
A-2 UNIT ANHY.	250.8		
A-1 UNIT CARB.	259.6		
A-1 UNIT EVAP.	263.1		
GUELPH	264.9		
ERAMOSA	0.		
AMABEL — GOAT ISLAND	278.8		
AMABEL — GASPORT	283.8		
AMABEL — ROCHESTER	346.9		
AMABEL — IRONDEQUOIT	361.6		
AMABEL — REYNALES	363.8		
AMABEL — THOROLD	365.3		
CATARACT — GRIMSBY	367.9		
CATARACT — CABOT HEAD	386.6		
CATARACT — MANITOULIN	0.		
CATARACT — WHIRLPOOL	406.9		
ORDOVICIAN — QUEENSTON	409.8		
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
TRENTON — COBOURG			
TRENTON — VERULAM			
TRENTON — KIRKFIELD			
BLACK RIVER — COBOCONK			
BLACK RIVER — GULL RIVER			
BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 434.0P		MOC:	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
362.0- 364.0		
375.0- 383.0		
392.0- 412.0		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	125.7	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
50.0- 438.0	GRNL.	50.0- 438.0	CALP
50.0- 438.0	DENL.	126.0- 438.0	IES

CORING RECORD

CONDITION	STORED	*ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 219.7 B UNIT EQU 238.8
SPRINGVALE AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

1 DST.(S) ON FILE TREATMENT: ACID

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

HALDIMAND COUNTY

66

CLASS: DEVEL FIELD/POOL: STATUS: LOST HOLE -ABD

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 66 CON: T

WELL NAME: ANSCHUTZ #3 LAKE ERIE 66-T PERMIT NO.: 5299

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 113.0M P.B.T.D.

DRILLING CO.: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.6M+ 5.8M

GEOLOGY BY: CO-ORDINATES:

LATITUDE: 42-36-15 N

LONGITUDE: 79-58-45 W SEQ: 1

CONFIDENTIAL: 1980 07 28

SPUDDED: 1980 06 27

COMPLETED: 1980 06 28

ABANDONED: 1980 06 29

SPL. TRAY No. INDEX No.

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT m			
LAKE / GROUND LEVEL	5.8	174.6	
DRIFT / LAKE BOTTOM	0.		

DEVONIAN: PRT. LAMBTON; HAMILTON (KETTLE POINT, MARCELLUS, DUNDEE); DETROIT RIVER (LUCAS, AMHERSTBURG, BOIS BLANC, BASS ISLANDS)

SILURIAN: BASS ISLANDS (G UNIT SHALE, F UNIT SHALE, E UNIT CARB., D UNIT SALT, C UNIT SHALE, B UNIT MARKER, B UNIT SALT, B UNIT ANHY., A-2 UNIT CARB., A-2 UNIT SALT, A-2 UNIT ANHY., A-1 UNIT CARB., A-1 UNIT EVAP.); GUELPH; BRAMOSA; AMABEL (GOAT ISLAND, GASPORT, ROCHESTER, IRONDEQUOIT, REYNALES, THOROLD, GRIMSBY); CATARACT (CABOT HEAD, MANITOULIN, WHIRLPOOL)

ORDOVICIAN: QUEENSTON; MEAFORD-DUNDAS; COLLINGWOOD; TRENTON (COBOURG, VERULAM, KIRKFIELD); BLACK RIVER (COBOCONK, GULL RIVER, SHADOW LAKE)

CAMBRIAN

PRECAMBRIAN

TOTAL DEPTH SAMPLES m MOC:

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m

LOGGING RECORD

LOGGING CO:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

NO SAMPLES
NO LOGS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(s) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 66 CON: T

WELL NAME: ANSCHUTZ #3A LAKE ERIE 66-T PERMIT NO.: 5299

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 428.0M P.B.T.D.

DRILLING CO.: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.6M+ 5.9M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-37-14 N

LONGITUDE: 79-55-46 W SEQ: 1

CONFIDENTIAL: 1980 08 05

SPUDDED: 1980 06 29

COMPLETED: 1980 07 05

ABANDONED:

SPL. TRAY No. 4528 INDEX No. 603

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 140.0P			
LAKE / GROUND LEVEL	5.9	174.6	
DRIFT / LAKE BOTTOM	54.2		
PRT. LAMBTON	0.		
HAMILTON (KETTLE POINT)	0.		
HAMILTON (MARCELLUS)	0.		
HAMILTON (DUNDEE)			
DETROIT RIVER (LUCAS)			
DETROIT RIVER (AMHERSTBURG)	99.0		
DETROIT RIVER (BOIS BLANC)	144.5		
DETROIT RIVER (BASS ISLANDS)	154.4		
BASS ISLANDS (G UNIT SHALE)	178.9		
BASS ISLANDS (F UNIT SHALE)	181.8		
BASS ISLANDS (E UNIT CARB.)	203.9		
BASS ISLANDS (D UNIT SALT)	0.		
BASS ISLANDS (C UNIT SHALE)	240.9		
BASS ISLANDS (B UNIT MARKER)	249.4		
BASS ISLANDS (B UNIT SALT)	0.		
BASS ISLANDS (B UNIT ANHY.)	263.0		
BASS ISLANDS (A-2 UNIT CARB.)	266.7		
BASS ISLANDS (A-2 UNIT SALT)	0.		
BASS ISLANDS (A-2 UNIT ANHY.)	276.8		
BASS ISLANDS (A-1 UNIT CARB.)	277.7		
BASS ISLANDS (A-1 UNIT EVAP.)	0.		
GUELPH	281.3		
BRAMOSA	0.		
AMABEL (GOAT ISLAND)	293.7		
AMABEL (GASPORT)	307.7		
AMABEL (ROCHESTER)	360.2		
AMABEL (IRONDEQUOIT)	375.6		
AMABEL (REYNALES)	377.2		
AMABEL (THOROLD)	379.9		
AMABEL (GRIMSBY)	382.4		
CATARACT (CABOT HEAD)	396.0		
CATARACT (MANITOULIN)	0.		
CATARACT (WHIRLPOOL)	419.1		
QUEENSTON	422.8		
MEAFORD-DUNDAS			
COLLINGWOOD			
TRENTON (COBOURG)			
TRENTON (VERULAM)			
TRENTON (KIRKFIELD)			
BLACK RIVER (COBOCONK)			
BLACK RIVER (GULL RIVER)			
BLACK RIVER (SHADOW LAKE)			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 431.0P		MOC:	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
384.0- 392.0-		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	133.5	CASING SHOE	48.8
114MM	15.6KG	422.6	CASING SHOE	48.8
60MM	6.9KG	350.7	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
50.0- 428.5	GRNL	132.0- 428.5	DENL
340.0- 394.0	CMPL	132.0- 428.5	IES

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

DE CEW 0. FOSSIL HIL 0. DYER BAY 0.
D UNIT EQU 235.4 B UNIT EQU 255.0
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS 4078 M3/D
PRESSURE 4041 KPA
PRODUCING INTVL (m) 381.0- 383.0
384.0- 385.2 391.7- 395.0
PERFORATED YES OPEN HOLE
FORMATION(S) THOROLD
GRIMSBY

1 D.S.T.(s) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: LOST HOLE -ABD

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 66 CON: V

WELL NAME: ANSCHUTZ #6 LAKE ERIE 66-V PERMIT NO.: 5360

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 147.0M P.B.T.D.

DRILLING CO.: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 176.6M+ 5.4M

GEOLOGY BY: CO-ORDINATES:

LATITUDE: 42-35-13 N

LONGITUDE: 79-54-15 W SEC: 1

CONFIDENTIAL: 1981 07 30

SPUDDED: 1980 07 30

COMPLETED: 1980 07 30

ABANDONED: 1980 07 30

SPL. TRAY No. INDEX No

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT m					
LAKE / GROUND LEVEL			5.4	176.6	
DRIFT / LAKE BOTTOM					
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG			
		BOIS BLANC			
		BASS ISLANDS			
SILURIAN		G UNIT SHALE			
		F UNIT SHALE			
		E UNIT CARB.			
		D UNIT SALT			
		C UNIT SHALE			
		B UNIT MARKER			
		B UNIT SALT			
		B UNIT ANHY.			
		A-2 UNIT CARB.			
		A-2 UNIT SALT			
		A-2 UNIT ANHY.			
		A-1 UNIT CARB.			
		A-1 UNIT EVAP.			
	GUELPH				
	BRAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES m MDC

REMARKS

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	HEIGHT kg/m	SET AT m	HOW SET	REC. m

LOGGING RECORD

LOGGING CO.

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION	STORED		*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(s) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 66 CON: V

WELL NAME: ANSCHUTZ #6A LAKE ERIE 66-V PERMIT NO.: 5360

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 455.0M P.B.T.D.

DRILLING CO.: ANSCHUTZ-CANADA EX RIG TYPE: ELEV. 176.6M+ 5.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-35-12 N

LONGITUDE: 79-54-15 W SEC: 1

CONFIDENTIAL: 1980 09 04

SPUDDED: 1980 07 27

COMPLETED: 1980 08 04

ABANDONED:

SPL. TRAY No. 3880 INDEX No. 607

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			137.0		
LAKE / GROUND LEVEL			5.4	176.6	
DRIFT / LAKE BOTTOM			51.7		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	108.8		
		BOIS BLANC	152.0		
		BASS ISLANDS	168.2		
SILURIAN		G UNIT SHALE	189.0		
		F UNIT SHALE	191.2		
		E UNIT CARB.	213.1		
		D UNIT SALT	0.		
		C UNIT SHALE	249.0		
		B UNIT MARKER	258.0		
		B UNIT SALT	0.		
		B UNIT ANHY.	271.0		
		A-2 UNIT CARB.	279.2		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	284.0		
		A-1 UNIT CARB.	284.6		
		A-1 UNIT EVAP.	0.		
	GUELPH		289.0		
	BRAMOSA		0.		
	AMABEL	GOAT ISLAND	296.7		
		GASPORT	305.8		
		ROCHESTER	373.0		
		IRONDEQUOIT	385.7		
		REYNALES	387.0		
		THOROLD	390.0		
	CATARACT	GRIMSBY	391.1		
		CABOT HEAD	407.0		
		MANITOULIN	0.		
		WHIRLPOOL	430.5		
ORDOVICIAN	QUEENSTON		439.7		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 457.0 MDC 6

REMARKS

OVER BAY 0. FOSSIL HIL 0. DE CEW 0.
O UNIT EQU 244.1 B UNIT EQU 263.3
SPRINGVALE AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY
SOME PICKS INTERPRETIVE. NO LOGS OR SAMPLES

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	HEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	31.6	HANGING	31.6
219MM	35.7KG	151.7	CEMENTED	
114MM	14.1KG	512.9	CEMENTED	
60MM	7.0KG	468.4	HANGING	

LOGGING RECORD

LOGGING CO. SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
77.0- 449.0	GRNL	77.0- 455.0	CALP
77.0- 455.0	DENL	168.0- 454.0	IES
168.0- 455.0	SONL		

CORING RECORD

CONDITION	STORED		*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(s) ON FILE TREATMENT ACID

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 67 CON: A

WELL NAME: ANSCHUTZ #1 LAKE ERIE 67-A PERMIT NO.: 5282

OPERATOR: ANSCHUTZ-CANADA EX

DRILLING CO: ANSCHUTZ-CANADA EX

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 420.0M P.B.T.D.

RIG TYPE: ROT ELEV: 174.6M+ 5.4M

CO-ORDINATES:

LATITUDE: 43-39-41 N

LONGITUDE: 79-50-15 W SEQ: 1

CONFIDENTIAL: 1980 07 11

SPUDDED: 1980 06 05

COMPLETED: 1980 06 11

ABANDONED:

SPL TRAY No. 4449 INDEX No. 602

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 183.0					
LAKE / GROUND LEVEL			5.4	174.6	
DRIFT / LAKE BOTTOM			44.0		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	61.0		
		BOIS BLANC	117.3		
		BASS ISLANDS	120.4		
SILURIAN		G UNIT SHALE	197.0		
		F UNIT SHALE	199.2		
		E UNIT CARB	176.5		
		D UNIT SALT	0.		
		C UNIT SHALE	212.0		
		MARKER	221.0		
		B UNIT SALT	0.		
		ANHY.	235.1		
		CARB	238.3		
		A-2 UNIT SALT	0.		
		ANHY.	240.7		
		CARB	250.3		
		A-1 UNIT EVAP	0.		
	GUELPH		256.1		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	267.0		
		GASPORT	277.9		
		ROCHESTER	326.0		
		IRONDEQUOIT	340.7		
		REYNALES	345.5		
		THOROLD	347.5		
	CATARACT	GRIMSBY	351.4		
		CABOT HEAD	366.8		
		MANITOULIN	0.		
		WHIRLPOOL	367.2		
ORDOVICIAN	QUEENSTON		390.1		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 421.0M MOC 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
339MM	71.4KG	98.7	CASING SHOE	43.1
193MM	29.8KG	145.1	CASING SHOE	43.1

LOGGING RECORD

LOGGING CO.: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
40.0- 420.0	GRNL	145.5- 420.0	DENL
145.5- 420.0	IES		

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OPEN BAY 0. FOSSIL HIL 0. DE CEW 0.
B UNIT EQU 206.6 B UNIT EQU 226.6
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT ACID

CLASS DEVEL FIELD/POOL STATUS GAS SHOW -ABD

COUNTY HALDIMAND TOWNSHIP LAKE ERIE LOT 67 CON C

WELL NAME: ANSCHUTZ #1 LAKE ERIE 67-L PERMIT NO.: 5283

OPERATOR ANSCHUTZ-CANADA EX

DRILLING CO ANSCHUTZ-CANADA EX

GEOLOGY BY PETROLEUM RESOURCE

TOTAL DEPTH 415.0M P.B.T.D

RIG TYPE ROT ELEV 174.6M+ 6.2M

CO-ORDINATES

LATITUDE 42-39-46 N

LONGITUDE 79-52-15 W SEQ 1

CONFIDENTIAL 1980 07 16

SPUDDED

COMPLETED 1980 06 16

ABANDONED 1980 06 17

SPL TRAY No 4449 INDEX No 601

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 142.0					
LAKE / GROUND LEVEL			6.2	174.6	
DRIFT / LAKE BOTTOM			44.5		
DEVONIAN	PRT LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	72.5		
		BOIS BLANC	109.0		
		BASS ISLANDS	119.4		
SILURIAN		G UNIT SHALE	146.1		
		F UNIT SHALE	153.1		
		E UNIT CARB	173.3		
		D UNIT SALT	0.		
		C UNIT SHALE	208.5		
		MARKER	216.6		
		B UNIT SALT	0.		
		ANHY	230.8		
		CARB	233.5		
		A-2 UNIT SALT	0.		
		ANHY	245.0		
		CARB	246.0		
		A-1 UNIT EVAP	250.8		
	GUELPH		251.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	259.2		
		GASPORT	270.7		
		ROCHESTER	324.6		
		IRONDEQUOIT	341.0		
		REYNALES	342.0		
		THOROLD	344.8		
	CATARACT	GRIMSBY	347.3		
		CABOT HEAD	363.8		
		MANITOULIN	0.		
		WHIRLPOOL	383.2		
ORDOVICIAN	QUEENSTON		386.8		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 415.0M MOC 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
350.0- 365.0		561 KPA
384.0- 387.0		5540 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
339MM	71.4KG	93.7	CASING SHOE	44.8
194MM	29.8KG	137.2	CASING SHOE	44.8

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
136.0- 414.0	GRNL	136.0- 414.0	CALP
136.0- 413.0	IES		

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OPEN BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 203.8 B UNIT EQU 222.4
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS SHOW
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

1 DST(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 67 CON: N

WELL NAME: ANSCHUTZ #2 LAKE ERIE 67-N PERMIT NO.: 5411

OPERATOR: ANSCHUTZ-CANADA EX

DRILLING CO: ANSCHUTZ-CANADA EX

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 438.2M P.B.T.D. RIG TYPE: ROT ELEV: 174.6M+ 5.8M

CO-ORDINATES:

LATITUDE: 42-37-45 N

LONGITUDE: 79-53-45 W SEC 1

CONFIDENTIAL: 1980 08 18

SPUDDED: 1980 07 13

COMPLETED: 1980 07 18

ABANDONED:

SPL. TRAY No. 26,19 INDEX No. 617

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 122.0			
LAKE / GROUND LEVEL	5.8	174.6	
DRIFT / LAKE BOTTOM	51.8		
DEVONIAN — PRT. LAMBTON	0.		
DEVONIAN — KETTLE POINT	0.		
DEVONIAN — HAMILTON — MARCELLUS	0.		
DEVONIAN — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG	94.2		
DEVONIAN — BOIS BLANC	138.7		
SILURIAN — BASS ISLANDS	142.8		
SILURIAN — G UNIT SHALE	161.0		
SILURIAN — F UNIT SHALE	167.2		
SILURIAN — E UNIT CARB.	180.8		
SILURIAN — D UNIT SALT	0.		
SILURIAN — C UNIT SHALE	229.8		
SILURIAN — B UNIT MARKER	235.2		
SILURIAN — B UNIT SALT	0.		
SILURIAN — B UNIT ANHY.	248.7		
SILURIAN — B UNIT CARB.	250.6		
SILURIAN — A-2 UNIT SALT	0.		
SILURIAN — A-2 UNIT ANHY.	261.2		
SILURIAN — A-1 UNIT CARB.	262.4		
SILURIAN — A-1 UNIT EVAP.	0.		
SILURIAN — GUELPH	269.9		
SILURIAN — ERAMOSA	0.		
SILURIAN — AMABEL — GOAT ISLAND	276.6		
SILURIAN — AMABEL — GASPORT	288.2		
SILURIAN — AMABEL — ROCHESTER	343.6		
SILURIAN — AMABEL — IRONDEQUOIT	358.8		
SILURIAN — AMABEL — REYNALES	359.1		
SILURIAN — AMABEL — THOROLD	361.7		
SILURIAN — CATARACT — GRIMSBY	363.8		
SILURIAN — CATARACT — CABOT HEAD	381.8		
SILURIAN — CATARACT — MANITOULIN	0.		
SILURIAN — CATARACT — WHIRLPOOL	401.8		
ORDOVICIAN — QUEENSTON	405.9		
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 438.0	MOC:		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
339MM	71.4KG	119.3	CEMENTED	
114MM	14.1KG	432.2	CEMENTED	
60MM	4.4KG	336.0	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
50.0- 438.0	GRNL	50.0- 438.0	CALP
50.0- 438.0	DENL	118.0- 438.0	IES
325.0- 420.0	CNPL		

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.
O UNIT EQU 219.8 B UNIT EQU 239.1
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER WERE PRESENT

FINAL RESULTS

OIL NIL
GAS 3794 M3/D
PRESSURE 4267 KPA

PRODUCING INTVL (m) 368.5- 369.5
374.3- 377.0 401.5- 405.7

PERFORATED YES OPEN HOLE

FORMATION(S) GRIMSBY WHIRLPOOL

D.S.T.(s) ON FILE 1 TREATMENT ACID

CLASS: DEVEL FIELD/POOL: STATUS: LOST HOLE -ABD

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 67 CON: O

WELL NAME: ANSCHUTZ #4 LAKE ERIE 67-O PERMIT NO.: 5264

OPERATOR: ANSCHUTZ-CANADA EX

DRILLING CO: ANSCHUTZ-CANADA EX

GEOLOGY BY:

TOTAL DEPTH: 161.0M P.B.T.D. RIG TYPE: ROT ELEV: 174.6M+ 6.2M

CO-ORDINATES:

LATITUDE: 42-37-15 N

LONGITUDE: 79-54-15 W SEC 1

CONFIDENTIAL: 1980 06 23

SPUDDED: 1980 06 18

COMPLETED: 1980 06 23

ABANDONED: 1980 06 23

SPL. TRAY No. INDEX No.

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT m			
LAKE / GROUND LEVEL	6.2	174.6	
DRIFT / LAKE BOTTOM	0.		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS			
DEVONIAN — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG			
DEVONIAN — BOIS BLANC			
SILURIAN — BASS ISLANDS			
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB.			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE			
SILURIAN — B UNIT MARKER			
SILURIAN — B UNIT SALT			
SILURIAN — B UNIT ANHY.			
SILURIAN — A-2 UNIT CARB.			
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY.			
SILURIAN — A-1 UNIT CARB.			
SILURIAN — A-1 UNIT EVAP.			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — AMABEL — REYNALES			
SILURIAN — AMABEL — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES m	MOC:		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
117.0	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
399MM	90.1KG	109.2	CEMENTED	52.5
193MM		158.1	CEMENTED	52.5

LOGGING RECORD

LOGGING CO:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

NO SAMPLES
NO LOGS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(s) ON FILE TREATMENT

41

HALDIMAND COUNTY

103

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 67 CON: Q

WELL NAME: ANSCHUTZ #4LAKE ERIE 67-Q PERMIT NO.: 5284

OPERATOR: ANSCHUTZ-CANADA EX

DRILLING CO.: ANSCHUTZ-CANADA EX

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 441.0M P.B.T.D.

RIG TYPE: ROT ELEV. 174.6M+ 6.3M

CO-ORDINATES:

LATITUDE: 42-37-15 N

LONGITUDE: 79-54-19 W SEQ 1

CONFIDENTIAL: 1980 07 29

SPUDDED: 1980 06 25

COMPLETED: 1980 06 29

ABANDONED:

SPL. TRAY No. 2639 INDEX No 616

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT m					
	LAKE / GROUND LEVEL		0.3	174.6	
	DRIFT / LAKE BOTTOM		52.0		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
	DETROIT RIVER	DUNDEE			
		LUCAS			
		AMHERSTBURG	99.0		
		BOIS BLANC	130.4		
		BASS ISLANDS	139.7		
SILURIAN	AMABEL	G UNIT SHALE	156.7		
		F UNIT SHALE	160.7		
		E UNIT CARB	181.0		
		D UNIT SALT	0.		
		C UNIT SHALE	217.6		
		B UNIT MARKER	238.8		
		B UNIT SALT	0.		
		B UNIT ANHY.	253.3		
		A-2 UNIT CARB.	255.9		
		A-2 UNIT SALT	0.		
		A-1 UNIT ANHY.	266.1		
		A-1 UNIT CARB.	267.1		
		A-1 UNIT EVAP.	0.		
		GUELPH	271.9		
		ERAMOSA	0.		
		GOAT ISLAND	283.4		
		GASPORT	294.8		
		ROCHESTER	347.2		
		IRONDEQUOIT	362.4		
		REYNALES	363.8		
		THOROLD	366.7		
		GRIMSBY	368.9		
	CATARACT	CABOT HEAD	386.6		
		MANITOULIN	0.		
		WHIRLPOOL	405.9		
ORDOVICIAN		QUEENSTON	408.7		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES m MOC %

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
365.0- 368.0	26 M3/D	4458 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
340MM	80.4KG	110.4	CEMENTED	
193MM	29.8KG	132.9	CEMENTED	
114MM	15.6KG	429.6	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
50.0- 439.5	GRNL	50.0- 439.5	DENL
50.0- 439.5	CALP	130.0- 439.5	IES
350.0- 416.0	CMPL		

CORING RECORD

CONDITION: STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 211.9 B UNIT EQU 244.3
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY
CRITICAL MISSING SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL

GAS 25686 M3/D

PRESSURE 4405 KPA

PRODUCING INTVL (m) 372.8- 374.3
375.5- 377.2 378.5- 383.2

PERFORATED YES OPEN HOLE

FORMATION(S) GRIMSBY

1 DST(S) ON FILE

TREATMENT ACID

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 67 CON: P

WELL NAME: ANSCHUTZ #3 LAKE ERIE 67-P PERMIT NO.: 5291

OPERATOR: ANSCHUTZ-CANADA EX

DRILLING CO.: ANSCHUTZ-CANADA EX

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 455.0M P.B.T.D.

RIG TYPE: ROT ELEV. 174.6M+ 5.4M

CO-ORDINATES:

LATITUDE: 42-36-17 N

LONGITUDE: 79-54-44 W SEQ 1

CONFIDENTIAL: 1980 07 25

SPUDDED: 1980 06 21

COMPLETED: 1980 06 25

ABANDONED:

SPL. TRAY No. 2930 INDEX No 599

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT m					
	LAKE / GROUND LEVEL		5.4	174.6	
	DRIFT / LAKE BOTTOM		56.5		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
	DETROIT RIVER	DUNDEE			
		LUCAS			
		AMHERSTBURG	109.8		
		BOIS BLANC	147.6		
		BASS ISLANDS	157.0		
SILURIAN	AMABEL	G UNIT SHALE	177.2		
		F UNIT SHALE	188.8		
		E UNIT CARB	209.9		
		D UNIT SALT	0.		
		C UNIT SHALE	241.8		
		B UNIT MARKER	250.5		
		B UNIT SALT	0.		
		B UNIT ANHY.	264.8		
		A-2 UNIT CARB	268.6		
		A-2 UNIT SALT	0.		
		A-1 UNIT ANHY	277.4		
		A-1 UNIT CARB	278.7		
		A-1 UNIT EVAP	0.		
		GUELPH	283.6		
		ERAMOSA	0.		
		GOAT ISLAND	298.6		
		GASPORT	303.5		
		ROCHESTER	361.2		
		IRONDEQUOIT	376.3		
		REYNALES	378.0		
		THOROLD	380.2		
		GRIMSBY	384.4		
	CATARACT	CABOT HEAD	396.9		
		MANITOULIN	0.		
		WHIRLPOOL	419.8		
ORDOVICIAN		QUEENSTON	424.2		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES m MOC %

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
380.0- 400.0		565 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
340MM	71.4KG	123.1	CASING SHOE	56.4
194MM	39.3KG	169.8	CASING SHOE	56.4
114MM	14.1KG	451.7	CASING SHOE	56.4
60MM	7.2KG	300.2	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
50.0- 454.5	GRNL	50.0- 454.5	DENL
50.0- 454.5	CALP	170.0- 454.5	IES
348.0- 426.0	CMPL		

CORING RECORD

CONDITION: STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 236.7 B UNIT EQU 256.4
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL

GAS 8071 M3/D

PRESSURE 4368 KPA

PRODUCING INTVL (m) 384.8- 387.3
392.0- 396.6

PERFORATED YES OPEN HOLE

FORMATION(S) GRIMSBY

1 DST(S) ON FILE

TREATMENT ACID

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT 67 CON X

WELL NAME: ANSCHUTZ #4 LAKE ERIE 67-X PERMIT NO.: 5310

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH 455.0M P.B.T.D

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE ROT ELEV 174.6M+ 5.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES

LATITUDE 69-35-15 N

LONGITUDE 79-53-15 W SEC 1

CONFIDENTIAL 1980 11 10

SPUDDED 1980 10 06

COMPLETED 1980 10 10

ABANDONED:

SPL TRAY No 3494 INDEX No 623

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 177.0m					
LAKE / GROUND LEVEL			5.8	174.6	
DRIFT / LAKE BOTTOM			35.5		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	112.5		
		BOIS BLANC	165.0		
		BASS ISLANDS	175.0		
SILURIAN		G UNIT SHALE	194.5		
		F UNIT SHALE	200.3		
		E UNIT CARB	222.8		
		D UNIT SALT	0.		
		C UNIT SHALE	259.7		
		MARKER	268.6		
		B UNIT SALT	0.		
		ANHY	283.2		
		CARB	284.5		
		A-2 UNIT SALT	0.		
		ANHY	295.4		
		CARB	296.0		
		A-1 UNIT EVAP	0.		
	GUELPH		301.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	313.5		
		GASPORT	319.0		
		ROCHESTER	376.0		
		IRONDEQUOIT	391.2		
		REYNALES	392.6		
		THOROLD	394.0		
	CATARACT	GRIMSBY	396.7		
		CABOT HEAD	414.0		
		MANITOULIN	0.		
		WHIRLPOOL	435.5		
		QUEENSTON	438.7		
ORDOVICIAN		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 455.0m			MDC:	G	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
392.0-		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	130.0	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
60.0- 456.0	GRNL	60.0- 456.0	CALP
60.0- 456.0	DENL	130.0- 456.0	IES

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 254.8
B UNIT EQU 274.1
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS SHOW
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

1 D.S.T.(S) ON FILE TREATMENT ACID

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT 68 CON F

WELL NAME: ANSCHUTZ #4 LAKE ERIE 68-F PERMIT NO.: 5506

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH 429.0M P.B.T.D

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE ROT ELEV 174.6M+ 5.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES

LATITUDE 42-38-06 N

LONGITUDE 79-49-10 W SEC 1

CONFIDENTIAL 1980 11 19

SPUDDED 1980 10 14

COMPLETED 1980 10 19

ABANDONED

SPL TRAY No 2434 INDEX No 625

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 113.0m					
LAKE / GROUND LEVEL			5.8	174.6	
DRIFT / LAKE BOTTOM			48.5		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	92.6		
		BOIS BLANC	137.4		
		BASS ISLANDS	149.6		
SILURIAN		G UNIT SHALE	160.2		
		F UNIT SHALE	172.6		
		E UNIT CARB	194.3		
		D UNIT SALT	0.		
		C UNIT SHALE	231.8		
		MARKER	240.9		
		B UNIT SALT	0.		
		ANHY	255.0		
		CARB	257.0		
		A-2 UNIT SALT	0.		
		ANHY	267.0		
		CARB	267.8		
		A-1 UNIT EVAP	0.		
	GUELPH		274.6		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	287.6		
		GASPORT	292.2		
		ROCHESTER	347.0		
		IRONDEQUOIT	363.4		
		REYNALES	365.0		
		THOROLD	367.8		
	CATARACT	GRIMSBY	371.2		
		CABOT HEAD	385.0		
		MANITOULIN	0.		
		WHIRLPOOL	408.3		
		QUEENSTON	410.4		
ORDOVICIAN		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 407.0m			MDC:	G	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
382.0-		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM		108.8	CEMENTED	
114MM		424.0	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
45.0- 429.5	GRNL	45.0- 429.5	CALP
45.0- 429.5	DENL	108.5- 429.5	IES
330.0- 415.6	CMPL		

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 226.4
B UNIT EQU 246.0
POOR SAMPLE QUALITY
CRITICAL MISSING SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS 24015 M3/D
PRESSURE 4436 KPA
PRODUCING INTVL (m) 378.5- 381.5
382.8- 385.5 408.4- 409.4
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY
WHIRLPOOL

1 D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 68 CON: H
WELL NAME: ANSCHUTZ #3 LAKE ERIE 68-H PERMIT NO.: 5300
OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 428.6M P.B.T.D.
DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.7M+ 5.7M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 156.0m					
LAKE / GROUND LEVEL			9.7	174.7	
DRIFT / LAKE BOTTOM			48.7		
DEVONIAN	PNT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE			
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	92.0		
		BOIS BLANC	137.7		
		BASS ISLANDS	156.6		
SILURIAN		G UNIT SHALE	163.7		
		F UNIT SHALE	168.9		
		E UNIT CARB.	191.3		
		D UNIT SALT	0.		
		C UNIT SHALE	228.1		
		MARKER	236.8		
		B UNIT SALT	0.		
		ANHY.	250.8		
		CARB	254.0		
		A-2 UNIT SALT	0.		
		ANHY.	264.1		
		CARB	267.0		
		A-1 UNIT EVAP	270.3		
	GUELPH		271.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	283.0		
		GASPORT	295.7		
		ROCHESTER	343.4		
		IRONDEQUOIT	360.2		
		REYNALES	361.4		
		THOROLD	369.6		
	CATARACT	GRIMSBY	368.2		
		CABOT HEAD	383.1		
		MANITOULIN	0.		
		WHIRLPOOL	405.5		
ORDOVICIAN		QUEENSTON	408.2		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 426.0m MQC: 6

LATITUDE: 42-38-15 N
LONGITUDE: 79-47-45 W SEQ. 1
CONFIDENTIAL: 1980 07 15
SPUDDED: 1980 06 12
COMPLETED: 1980 06 15
ABANDONED:
SPL. TRAY No. 2231 INDEX No. 597

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
400.0- 429.0	1025 M3/D	5478 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	109.2	CASING SHOE	
193MM	29.8KG	153.6	CASING SHOE	
114MM	14.1KG	423.2	CASING SHOE	

LOGGING RECORD

LOGGING CO. SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
47.0- 429.0	GRNL	154.0- 428.0	IES
152.0- 409.0	CBND	250.0- 409.0	CMPL
47.0- 429.0	CALP	47.0- 429.0	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 223.0 B UNIT EQU 242.3
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS 1025 M3/D
PRESSURE 5478 KPA
PRODUCING INTVL (m) 405.5- 407.8
PERFORATED YES OPEN HOLE
FORMATION(S) WHIRLPOOL

D.S.T.(S) ON FILE TREATMENT

11

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: HALDIMAND TOWNSHIP: LAKE ERIE LOT: 69 CON: J
WELL NAME: ANSCHUTZ #4 LAKE ERIE 69-J PERMIT NO.: 5421
OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 483.0M P.B.T.D.
DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.6M+ 5.8M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 194.0m					
LAKE / GROUND LEVEL			5.8	174.6	
DRIFT / LAKE BOTTOM			55.8		
DEVONIAN	PNT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	122.0		
		BOIS BLANC	174.0		
		BASS ISLANDS	178.5		
SILURIAN		G UNIT SHALE	214.6		
		F UNIT SHALE	220.8		
		E UNIT CARB.	241.7		
		D UNIT SALT	0.		
		C UNIT SHALE	278.1		
		MARKER	287.0		
		B UNIT SALT	0.		
		ANHY.	300.0		
		CARB	302.8		
		A-2 UNIT SALT	0.		
		ANHY.	313.0		
		A-1 UNIT CARB	316.3		
		EVAP	0.		
	GUELPH		318.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	0.		
		ROCHESTER	405.8		
		IRONDEQUOIT	0.		
		REYNALES	416.0		
		THOROLD	420.4		
	CATARACT	GRIMSBY	425.0		
		CABOT HEAD	448.0		
		MANITOULIN	0.		
		WHIRLPOOL	461.4		
ORDOVICIAN		QUEENSTON	466.8		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 482.0m MQC: 6

LATITUDE: 42-33-16 N
LONGITUDE: 80-00-14 W SEQ. 1
CONFIDENTIAL: 1980 09 11
SPUDDED: 1980 08 08
COMPLETED: 1980 08 11
ABANDONED:
SPL. TRAY No. 2748 INDEX No. 898

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
420.0- 425.0 429.0- 430.0 465.0- 468.0 417.0- 433.0	5551 M3/D	4553 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	146.2	CEMENTED	
193MM	39.3KG	189.0	CEMENTED	
114MM	14.1KG	480.2	CEMENTED	

LOGGING RECORD

LOGGING CO. SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
189.0- 484.0	SONL	189.0- 484.0	IES
60.0- 484.0	GRNL	60.0- 484.0	DENL
60.0- 484.0	CALP	360.0- 472.0	CMPL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 273.3
B UNIT EQU 292.0 DE CEW 386.0
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS 5551 M3/D
PRESSURE 4480 KPA
PRODUCING INTVL (m) 421.5- 424.5
430.4- 431.6 463.2- 466.4
PERFORATED YES OPEN HOLE
FORMATION(S) THOROLD
GRIMSBY WHIRLPOOL

1 D.S.T.(S) ON FILE TREATMENT

11

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: SENECA LOT: 3 CON: I

WELL NAME: MARTIN #1 SENECA 1-3-I PERMIT NO.: 5419

OPERATOR: MARTIN-TERRY TOTAL DEPTH: 158.5M P.B.T.D.

DRILLING CO.: MOERSCHFELDER, F. RIG TYPE: CAB ELEV. 192.0M+ .5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 136.0M S; 197.7M E

LATITUDE: 43-04-40 N

LONGITUDE: 79-50-13 W SEQ: 1

CONFIDENTIAL: 1980 10 04

SPUDDED: 1980 08 04

COMPLETED: 1980 09 04

ABANDONED:

BPL TRAY No.: 2754 INDEX No: 627

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT	20.0m		
LAKE / GROUND LEVEL		192.0	
DRIFT / LAKE BOTTOM	.5		
DEVONIAN / PRT. LAMBTON			
DEVONIAN / HAMILTON / KETTLE POINT			
DEVONIAN / HAMILTON / MARCELLUS			
DEVONIAN / HAMILTON / DUNDEE			
DEVONIAN / DETROIT RIVER / LUCAS			
DEVONIAN / DETROIT RIVER / AMHERSTBURG			
DEVONIAN / DETROIT RIVER / BOIS BLANC			
DEVONIAN / DETROIT RIVER / BASS ISLANDS			
SILURIAN / G UNIT SHALE			
SILURIAN / F UNIT SHALE			
SILURIAN / E UNIT CARB.			
SILURIAN / D UNIT SALT			
SILURIAN / C UNIT SHALE			
SILURIAN / MARKER			
SILURIAN / B UNIT SALT			
SILURIAN / ANHY.			
SILURIAN / CARB.			
SILURIAN / A-2 UNIT SALT			
SILURIAN / ANHY.			
SILURIAN / CARB.	0.		
SILURIAN / A-1 UNIT EVAP.	0.		
SILURIAN / GUELPH	20.0		
SILURIAN / ERAMOSA	61.0		
SILURIAN / AMABEL / GOAT ISLAND			
SILURIAN / AMABEL / GASPORT			
SILURIAN / AMABEL / ROCHESTER	92.0		
ORDOVICIAN / CATARACT / IRONDEQUOIT	103.5		
ORDOVICIAN / CATARACT / REYNALES	106.2		
ORDOVICIAN / CATARACT / THOROLD	107.7		
ORDOVICIAN / CATARACT / GRIMSBY	109.8		
ORDOVICIAN / CATARACT / CABOT HEAD	128.1		
ORDOVICIAN / CATARACT / MANITOULIN			
ORDOVICIAN / CATARACT / WHIRLPOOL	138.0		
ORDOVICIAN / QUEENSTON	142.7		
ORDOVICIAN / TRENTON / MEAFORD-DUNDAS			
ORDOVICIAN / TRENTON / COLLINGWOOD			
ORDOVICIAN / TRENTON / COBOURG			
ORDOVICIAN / TRENTON / VERULAM			
ORDOVICIAN / TRENTON / KIRKFIELD			
ORDOVICIAN / BLACK RIVER / COBOCONK			
ORDOVICIAN / BLACK RIVER / GULL RIVER			
ORDOVICIAN / BLACK RIVER / SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			

TOTAL DEPTH SAMPLES: 147.0m MOC: 4

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
108.5- 109.7		336 KPA
139.6- 142.9		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
16.3-	8.0		SULPHUR
21.3-	7.0		SULPHUR
50.0- 56.0	3.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	32.7KG	19.8	BAREFOOT	
114MM	14.1KG	97.2	BOTTOM PAC	

LOGGING RECORD

LOGGING CO.			
LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 74.5

FINAL RESULTS

OIL: NIL

GAS: NIL

PRESSURE: 336 KPA

PRODUCING INTVL. (m): 108.5- 109.7, 139.6- 142.9

PERFORATED: OPEN HOLE: YES

FORMATION(S): THOROLD, WHIRLPOOL, QUEENSTON 1(illegible)

D.S.T.(s) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW

COUNTY: HALDIMAND TOWNSHIP: WALPOLE LOT: 3 CON: XI

WELL NAME: L.I.L. #1 WALPOLE 5-3-XI PERMIT NO.: 5312

OPERATOR: LIVINGSTON IND LTD TOTAL DEPTH: 282.9M P.B.T.D.

DRILLING CO: MITCHELL, ELGIN RIG TYPE: CAB ELEV. 218.1M+ .8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 552.6M N; 150.4M W

LATITUDE: 42-55-29 N

LONGITUDE: 80-07-56 W SEQ: 1

CONFIDENTIAL: 1980 07 02

SPUDDED: 1980 04 17

COMPLETED: 1980 06 02

ABANDONED:

BPL TRAY No.: 3690 INDEX No: 585

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT	9.0m		
LAKE / GROUND LEVEL		218.1	
DRIFT / LAKE BOTTOM	.8		
DEVONIAN / PRT. LAMBTON	0.		
DEVONIAN / HAMILTON / KETTLE POINT	0.		
DEVONIAN / HAMILTON / MARCELLUS	0.		
DEVONIAN / HAMILTON / DUNDEE	0.		
DEVONIAN / DETROIT RIVER / LUCAS	0.		
DEVONIAN / DETROIT RIVER / AMHERSTBURG			
DEVONIAN / DETROIT RIVER / BOIS BLANC	10.6		
DEVONIAN / DETROIT RIVER / BASS ISLANDS	32.8		
SILURIAN / G UNIT SHALE	50.5		
SILURIAN / F UNIT SHALE	52.6		
SILURIAN / E UNIT CARB.	70.5		
SILURIAN / D UNIT SALT	0.		
SILURIAN / C UNIT SHALE	92.9		
SILURIAN / MARKER	100.3		
SILURIAN / B UNIT SALT	0.		
SILURIAN / ANHY.	122.0		
SILURIAN / CARB.	125.2		
SILURIAN / A-2 UNIT SALT	0.		
SILURIAN / ANHY.	135.0		
SILURIAN / CARB.	137.7		
SILURIAN / A-1 UNIT EVAP.	0.		
SILURIAN / GUELPH	141.0		
SILURIAN / ERAMOSA	0.		
SILURIAN / AMABEL / GOAT ISLAND	155.8		
SILURIAN / AMABEL / GASPORT	180.2		
SILURIAN / AMABEL / ROCHESTER	222.2		
ORDOVICIAN / CATARACT / IRONDEQUOIT	237.5		
ORDOVICIAN / CATARACT / REYNALES	238.9		
ORDOVICIAN / CATARACT / THOROLD	240.5		
ORDOVICIAN / CATARACT / GRIMSBY	240.9		
ORDOVICIAN / CATARACT / CABOT HEAD	251.8		
ORDOVICIAN / CATARACT / MANITOULIN	0.		
ORDOVICIAN / CATARACT / WHIRLPOOL	272.0		
ORDOVICIAN / QUEENSTON	274.5		
ORDOVICIAN / TRENTON / MEAFORD-DUNDAS			
ORDOVICIAN / TRENTON / COLLINGWOOD			
ORDOVICIAN / TRENTON / COBOURG			
ORDOVICIAN / TRENTON / VERULAM			
ORDOVICIAN / TRENTON / KIRKFIELD			
ORDOVICIAN / BLACK RIVER / COBOCONK			
ORDOVICIAN / BLACK RIVER / GULL RIVER			
ORDOVICIAN / BLACK RIVER / SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			

TOTAL DEPTH SAMPLES: 278.9m MOC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
236.8- 240.8	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
15.8- 23.8		91.0 M3	FRESH
66.6-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	9.5	CEMENTED	
178MM	29.8KG	30.9	CASING SHOE	
114MM	14.1KG	233.2	BOTTOM PAC	

LOGGING RECORD

LOGGING CO: GREAT GUNS			
LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 282.9	GRNL	230.0- 282.5	DENL

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.

B UNIT EQU 113.9

SPRINGVALE AT BASE OF BOIS BLANC

POOR AGREEMENT BETWEEN LOG AND SAMPLES

POOR SAMPLE QUALITY

SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL: NIL

GAS: SHOW

PRESSURE: 1136 KPA

PRODUCING INTVL. (m):

PERFORATED: OPEN HOLE:

FORMATION(S):

D.S.T.(s) ON FILE TREATMENT: ACID

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: HALDIMAND TOWNSHIP: WALPOLE LOT: 1 CON: XI

WELL NAME: L.I.L. #2 WALPOLE 7-1-XI PERMIT NO.: 5314

OPERATOR: LIVINGSTON IND LTD TOTAL DEPTH: 284.0M P.B.T.D.

DRILLING CO.: MITCHELL ENERGY RIG TYPE: ELEV. 219.8M+ .8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 107.0M N; 136.0M W

LATITUDE: 42-55-08 N

LONGITUDE: 80-08-59 W SEQ: 1

CONFIDENTIAL: 1980 09 11

SPUDDED: 1980 06 27

COMPLETED: 1980 08 11

ABANDONED:

SPL. TRAY No. 4266 INDEX No. 618

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 10.0m				
LAKE / GROUND LEVEL		219.8		
DRIFT / LAKE BOTTOM		.8		
DEVONIAN	PRT. LAMBTON	0.		
	HAMILTON KETTLE POINT	0.		
	HAMILTON	0.		
	HAMILTON MARCELLUS	0.		
	DUNDEE	0.		
	DETROIT RIVER LUCAS			
	DETROIT RIVER AMHERSTBURG	10.0		
	BOIS BLANC	18.9		
SILURIAN	BASS ISLANDS	29.0		
	G UNIT SHALE	39.0		
	F UNIT SHALE	46.0		
	E UNIT CARB.	72.2		
	D UNIT SALT	0.		
	C UNIT SHALE	108.0		
	MARKER	114.0		
	B UNIT SALT	0.		
	ANHY.	128.6		
	CARB.	129.4		
	A-2 UNIT SALT	0.		
	ANHY.			
	CARB.	142.8		
	A-1 UNIT EVAP.	0.		
	GUELPH	146.0		
	ERAMOSA	0.		
	AMABEL GOAT ISLAND	160.8		
	AMABEL GASPORT	169.0		
	AMABEL ROCHESTER	227.6		
	IRONDEQUOIT	242.2		
	REYNALES	244.0		
	THOROLD	245.5		
	GRIMSBY	253.0		
	CATARACT CABOT HEAD	258.6		
	MANITOULIN	0.		
	WHIRLPOOL	270.7		
ORDOVICIAN	QUEENSTON	278.6		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	TRENTON VERULAM			
	TRENTON KIRKFIELD			
	BLACK RIVER COBOCONK			
	BLACK RIVER GULL RIVER			
	BLACK RIVER SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 284.0m		MOC: 6		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
247.8- 257.3	170 M3/D	160 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
18.3-	4.3		FRESH
24.4-			FRESH
210.3-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	10.4	CASING SHOE	
178MM	29.8KG	34.7	CASING SHOE	
114MM	14.1KG	238.6	BOTTOM PAC	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 286.0	GRNL	1.0- 286.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

DE CEW 0. FOSSIL HIL 0. DYER BAY 0.
B UNIT EGU 104.0 B UNIT EGU 119.2
SPRINGVALE AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POOR SAMPLE QUALITY
SOME PICKS INTERPRETIVE; NO LOSS OR SAMPLES

D.S.T.(S) ON FILE TREATMENT: ACID

FINAL RESULTS

OIL: NIL
GAS: 170 M3/D
PRESSURE: 1103 KPA
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

CLASS: NFW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: HURON TOWNSHIP: COLBORNE LOT: 8 CON: I

WELL NAME: SHEL COLBORNE 1-8-I PERMIT NO.: 5404

OPERATOR: SHELL CANADA LTD. TOTAL DEPTH: 625.5M P.B.T.D.

DRILLING CO.: SHAW RIG TYPE: CAB ELEV. 292.5M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 107.0M S; 107.0M E

LATITUDE: 43-43-14 N

LONGITUDE: 81-35-33 W SEQ: 1

CONFIDENTIAL: 1981 09 16

SPUDDED: 1980 07 11

COMPLETED: 1980 09 16

ABANDONED: 1980 09 23

SPL. TRAY No. 2627 INDEX No. 191

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 45.0m				
LAKE / GROUND LEVEL		292.5		
DRIFT / LAKE BOTTOM		1.2		
DEVONIAN	PRT. LAMBTON	0.		
	HAMILTON KETTLE POINT	0.		
	HAMILTON	0.		
	HAMILTON MARCELLUS	0.		
	DUNDEE	43.0		
	DETROIT RIVER LUCAS	59.3		
	DETROIT RIVER AMHERSTBURG	157.2		
	BOIS BLANC	224.0		
SILURIAN	BASS ISLANDS	245.4		
	G UNIT SHALE	292.0		
	F UNIT SHALE	301.2		
	E UNIT CARB.	336.0		
	D UNIT SALT	379.1		
	C UNIT SHALE	379.1		
	MARKER	396.2		
	B UNIT SALT	406.0		
	ANHY.	482.7		
	CARB.	492.7		
	A-2 UNIT SALT	520.0		
	ANHY.	538.8		
	A-1 UNIT CARB.	540.5		
	EVAP.	579.5		
	GUELPH	583.3		
	ERAMOSA	0.		
	AMABEL GOAT ISLAND	590.3		
	AMABEL GASPORT	600.3		
	AMABEL ROCHESTER	606.0		
	IRONDEQUOIT	0.		
	REYNALES	0.		
	THOROLD	0.		
	GRIMSBY	0.		
	CATARACT CABOT HEAD	617.0		
	MANITOULIN			
	WHIRLPOOL			
ORDOVICIAN	QUEENSTON			
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	TRENTON VERULAM			
	TRENTON KIRKFIELD			
	BLACK RIVER COBOCONK			
	BLACK RIVER GULL RIVER			
	BLACK RIVER SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 625.0m		MOC: 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
68.0-	60.0		FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
339MM	71.4KG	45.0	CASING SHOE	45.6
273MM	60.2KG	109.2	CASING SHOE	9.9
219MM	35.7KG	310.3	CEMENTED	186.4

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
7.0- 625.0	GRNL	7.0- 625.0	CALP
310.5- 622.5	IES		

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

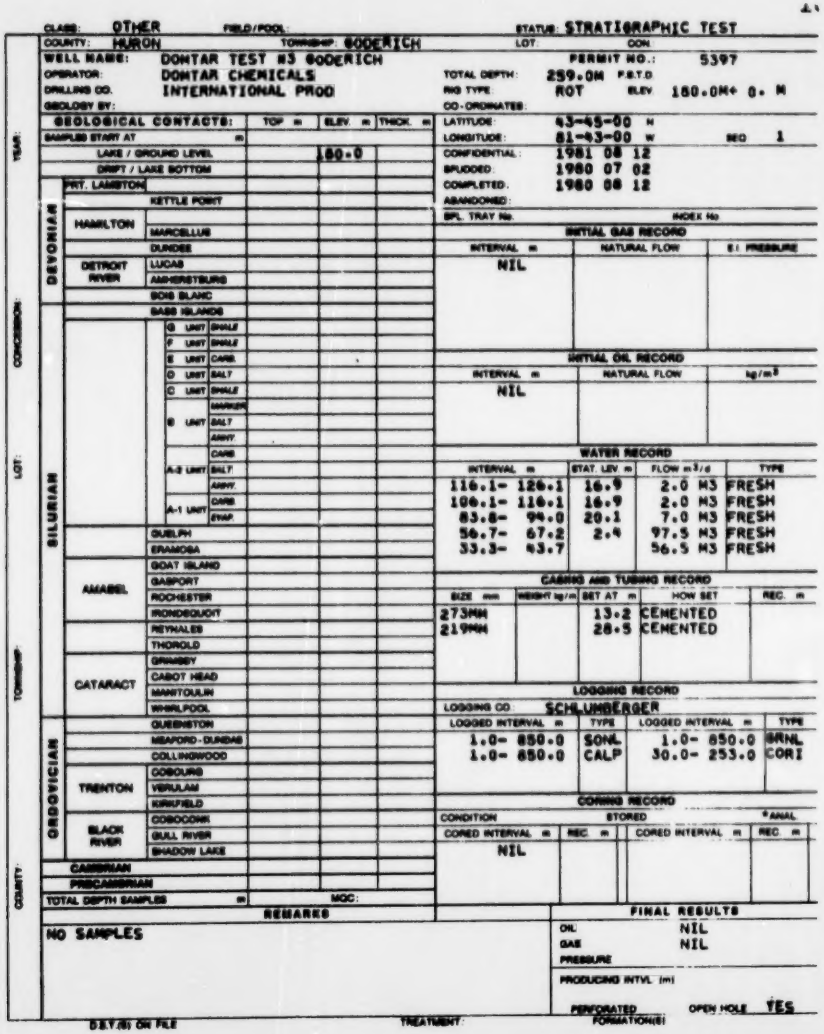
REMARKS

DYER BAY 0. DE CEW 0. B UNIT EGU 0.
B UNIT EGU 0. FOSSIL HIL 608.0

D.S.T.(S) ON FILE TREATMENT

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)



CLASS: OTHER FIELD/POOL: STATUS: STRATIGRAPHIC TEST

COUNTY: HURON TOWNSHIP: GODERICH LOT: CON:

WELL NAME: DONTAR TEST #3 GODERICH PERMIT NO.: 5397

OPERATOR: DONTAR CHEMICALS TOTAL DEPTH: 259.0M P.B.T.D.

DRILLING CO.: INTERNATIONAL PROD RIG TYPE: ROT ELEV: 180.0M+ 0. M

GEOLOGY BY: CO-ORDINATES:

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT m			
LAKE / GROUND LEVEL		180.0	
DRIFT / LAKE BOTTOM			
DEVONIAN — PRT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON			
DEVONIAN — MARCELLUS			
DEVONIAN — DUNDEE			
DEVONIAN — DETROIT RIVER			
DEVONIAN — LUCAS			
DEVONIAN — AMHERSTBURG			
DEVONIAN — BOIS BLANC			
SILURIAN — BASS ISLANDS			
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB.			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE			
SILURIAN — ANHYD.			
SILURIAN — B UNIT SALT			
SILURIAN — ANHY.			
SILURIAN — CARB.			
SILURIAN — A-2 UNIT SALT			
SILURIAN — ANHY.			
SILURIAN — CARB			
SILURIAN — A-1 UNIT EVAP.			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — GASPORT			
SILURIAN — ROCHESTER			
SILURIAN — IRONDEQUOIT			
SILURIAN — REYNALES			
SILURIAN — THOROLD			
SILURIAN — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — MANITOULIN			
SILURIAN — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD - DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — VERULAM			
ORDOVICIAN — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — GULL RIVER			
ORDOVICIAN — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES m	MOC:		

LATITUDE: 43-45-00 N

LONGITUDE: 81-43-00 W REC 1

CONFIDENTIAL: 1981 08 12

SPUDDED: 1980 07 02

COMPLETED: 1980 08 12

ABANDONED:

BPL TRAY No. INDEX No

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
116.1- 126.1	16.9	2.0 M3	FRESH
106.1- 116.1	16.9	2.0 M3	FRESH
83.8- 94.0	20.1	7.0 M3	FRESH
56.7- 67.2	2.4	97.5 M3	FRESH
33.3- 43.7		56.5 M3	FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM		13.2	CEMENTED	
219MM		28.5	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 850.0	SONL	1.0- 850.0	BRNL
1.0- 850.0	CALP	30.0- 253.0	CORI

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

NO SAMPLES

FINAL RESULTS

OIL NIL

GAS NIL

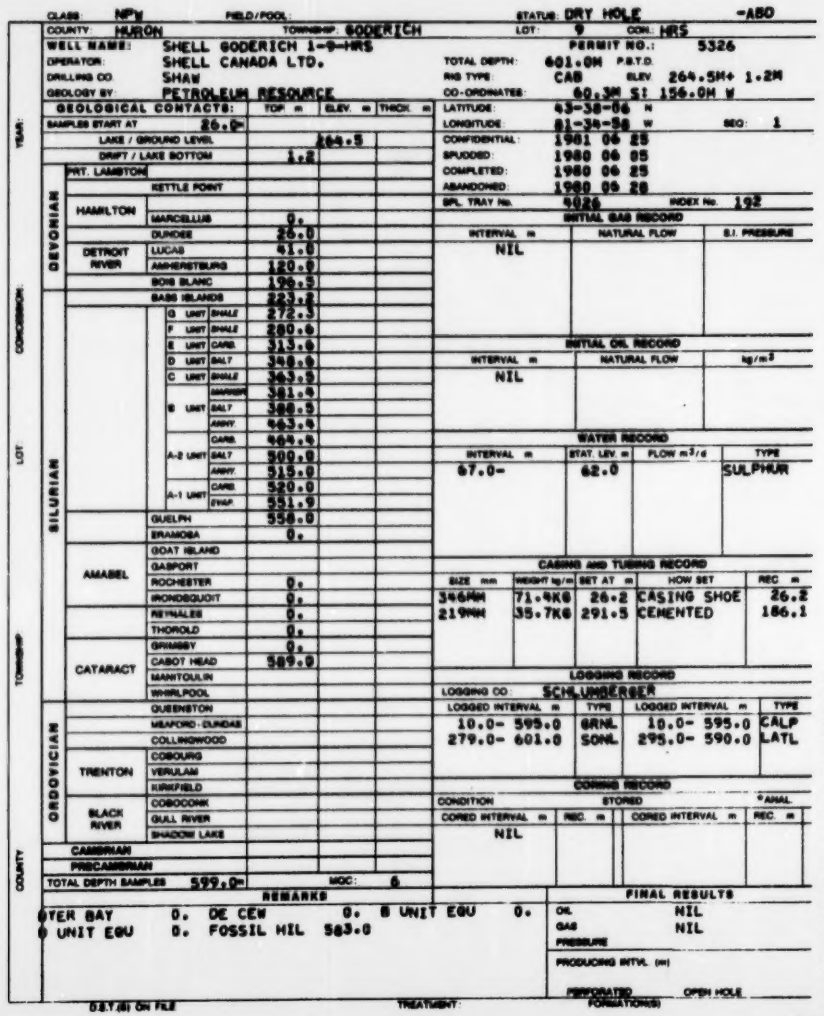
PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE YES

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT:



CLASS: NPW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: HURON TOWNSHIP: GODERICH LOT: 9 CON: HRS

WELL NAME: SHELL GODERICH 1-9-HRS PERMIT NO.: 5326

OPERATOR: SHELL CANADA LTD. TOTAL DEPTH: 601.0M P.B.T.D.

DRILLING CO: SHAW RIG TYPE: CAB ELEV: 264.5M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 60.3M S: 156.0M W

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 26.0m			
LAKE / GROUND LEVEL		264.5	
DRIFT / LAKE BOTTOM	1.2		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON			
DEVONIAN — MARCELLUS	0.		
DEVONIAN — DUNDEE	26.0		
DEVONIAN — DETROIT RIVER	41.0		
DEVONIAN — LUCAS	41.0		
DEVONIAN — AMHERSTBURG	120.0		
DEVONIAN — BOIS BLANC	196.5		
SILURIAN — BASS ISLANDS	223.0		
SILURIAN — G UNIT SHALE	272.5		
SILURIAN — F UNIT SHALE	280.6		
SILURIAN — E UNIT CARB.	313.0		
SILURIAN — D UNIT SALT	348.0		
SILURIAN — C UNIT SHALE	363.9		
SILURIAN — ANHYDR.	381.4		
SILURIAN — B UNIT SALT	388.5		
SILURIAN — ANHY.	403.4		
SILURIAN — CARB.	464.4		
SILURIAN — A-2 UNIT SALT	500.0		
SILURIAN — ANHY.	515.0		
SILURIAN — CARB.	520.0		
SILURIAN — A-1 UNIT EVAP.	551.9		
SILURIAN — GUELPH	558.0		
SILURIAN — ERAMOSA	0.		
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — GASPORT			
SILURIAN — ROCHESTER	0.		
SILURIAN — IRONDEQUOIT	0.		
SILURIAN — REYNALES	0.		
SILURIAN — THOROLD	0.		
SILURIAN — GRIMSBY	0.		
SILURIAN — CATARACT — CABOT HEAD	589.0		
SILURIAN — MANITOULIN			
SILURIAN — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD - DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — VERULAM			
ORDOVICIAN — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — GULL RIVER			
ORDOVICIAN — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 599.0m	MOC: 6		

LATITUDE: 43-38-06 N

LONGITUDE: 81-34-58 W SEC: 1

CONFIDENTIAL: 1981 06 25

SPUDDED: 1980 06 05

COMPLETED: 1980 06 25

ABANDONED: 1980 09 28

BPL TRAY No. 4026 INDEX No. 192

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
67.0-	62.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
346MM	71.4KG	26.2	CASING SHOE	26.2
219MM	35.7KG	291.5	CEMENTED	186.1

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
10.0- 595.0	BRNL	10.0- 595.0	CALP
279.0- 601.0	SONL	295.0- 590.0	LATL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

TER BAY 0. DE CEW 0. B UNIT EQU 0.
UNIT EQU 0. FOSSIL HIL 583.0

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT:

CLASS: NFW FIELD/POOL: STATUS: DRY HOLE -ABD
COUNTY: HURON TOWNSHIP: STANLEY LOT: 30 CON: I
WELL NAME: FITZGERALD STANLEY 3-30-I PERMIT NO.: 5182
OPERATOR: POUNDER HARMSHILL TOTAL DEPTH: 545.0M P.B.T.D.
DRILLING CO.: SHAW RIG TYPE: CAB ELEV. 271.9M+ 1.2M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 201.2M S; 337.3M E
LATITUDE: 43-34-38 N
LONGITUDE: 81-32-11 W SEQ: 1
CONFIDENTIAL: 1981 01 28
SPUDDED: 1979 11 23
COMPLETED: 1980 01 28
ABANDONED: 1980 02 01
SPL. TRAY No. 2381 INDEX No. 190

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			20.0+		
LAKE / GROUND LEVEL				271.9	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	20.0		
	DETROIT RIVER	LUCAS	20.0		
		AMHERSTBURG	90.5		
		BOIS BLANC	152.0		
		BASS ISLANDS	201.9		
SILURIAN		G UNIT SHALE	252.3		
		F UNIT SHALE	281.0		
		E UNIT CARB	296.0		
		D UNIT SALT	331.7		
		C UNIT SHALE	339.0		
		B UNIT MARKER	357.6		
		B UNIT SALT	369.3		
		B UNIT ANHY.	0.		
		A-2 UNIT CARB	438.0		
		A-2 UNIT SALT	476.7		
		A-2 UNIT ANHY.	0.		
		A-1 UNIT CARB	490.0		
		A-1 UNIT EVAP.	525.0		
	GUELPH		529.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	535.7		
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
	CATARACT	THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 545.0M			MOC:	6	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
20.0-	5.0		FRESH
73.0-			FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
341MM	71.4KG	20.1	CASING SHOE	20.1
219MM	35.7KG	96.0	CASING SHOE	96.0
178MM	34.2KG	276.3	CEMENTED	163.6

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 545.0	GRNL		

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

B UNIT EQU 0. B UNIT EQU 0.
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: NFW FIELD/POOL: STATUS: DRY HOLE -ABD
COUNTY: KENT TOWNSHIP: DOVER LOT: 10 CON: IV
WELL NAME: PINETREE #2 DOVER 1-10-IV PERMIT NO.: 5190
OPERATOR: PINETREE EXPL. LTD TOTAL DEPTH: 1158.5M P.B.T.D.
DRILLING CO.: RAWLINGS DRILLING RIG TYPE: CAB ELEV. 176.7M+ 1.2M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 167.6M S; 150.8M W
LATITUDE: 42-23-41 N
LONGITUDE: 82-19-08 W SEQ: 1
CONFIDENTIAL: 1981 03 14
SPUDDED:
COMPLETED: 1980 03 14
ABANDONED: 1980 03 28
SPL. TRAY No. 4126 INDEX No. 1250

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			20.0+		
LAKE / GROUND LEVEL				176.7	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	19.5		
		MARCELLUS	29.9		
		DUNDEE	87.2		
	DETROIT RIVER	LUCAS	121.3		
		AMHERSTBURG	170.1		
		BOIS BLANC	226.2		
		BASS ISLANDS	264.5		
SILURIAN		G UNIT SHALE	307.2		
		F UNIT SHALE	313.9		
		E UNIT CARB	341.0		
		D UNIT SALT	0.		
		C UNIT SHALE	385.0		
		B UNIT MARKER	400.0		
		B UNIT SALT	412.7		
		B UNIT ANHY.	0.		
		A-2 UNIT CARB	465.7		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	498.0		
		A-1 UNIT CARB	500.0		
		A-1 UNIT EVAP.	0.		
	GUELPH		512.7		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	562.0		
		GASPORT	584.3		
		ROCHESTER	595.0		
		IRONDEQUOIT	0.		
		REYNALES	602.0		
	CATARACT	THOROLD	0.		
		GRIMSBY	0.		
		CABOT HEAD	604.7		
		MANITOULIN	640.7		
		WHIRLPOOL	0.		
ORDOVICIAN		QUEENSTON	654.1		
		MEAFORD-DUNDAS	747.7		
		COLLINGWOOD	832.4		
	TRENTON	COBOURG	882.1		
		VERULAM	921.7		
		KIRKFIELD	963.2		
	BLACK RIVER	COBOCONK	1008.0		
		GULL RIVER	1038.4		
		SHADOW LAKE	1150.3		
CAMBRIAN			1151.5		
PRECAMBRIAN			1155.5		
TOTAL DEPTH SAMPLES 1159.0M			MOC:	7	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM		24.0		
273MM		91.7		
219MM		327.7		
178MM		612.6		

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0-1158.2	GRNL		

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

B UNIT EQU 0. B UNIT EQU 0. DE CEV 0.
FOSSIL HIL 0. DYER BAY 0.
COLUMBUS FACIES PRESENT IN LUCAS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: EXTEN FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: KENT TOWNSHIP: LAKE ERIE LOT: 220 CON: R

WELL NAME: CONSUMERS 13717 LAKE ERIE 220-R PERMIT NO.: 5328

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 698.0M P.B.T.D. 685.9M

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+ 6.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 70.0					
	LAKE / GROUND LEVEL		6.4	174.7	
	DRIFT / LAKE BOTTOM		30.4		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	80.2		
		MARCELLUS	167.8		
		DUNDEE	238.2		
	DETROIT RIVER	LUCAS	257.2		
		AMHERSTBURG	266.0		
		BOIS BLANC	285.2		
		BASS ISLANDS	319.5		
SILURIAN		G UNIT SHALE	362.8		
		F UNIT SHALE	380.0		
		E UNIT CARB.	390.5		
		D UNIT SALT	419.2		
		C UNIT SHALE	0.		
		MARKER	456.3		
		B UNIT SALT	480.3		
		ANHY.	0.		
		CARB.	490.0		
		A-2 UNIT SALT	501.5		
		ANHY.	0.		
		CARB.	517.0		
		A-1 UNIT EVAP.	520.0		
	GUELPH		0.		
	ERAMOSA		527.3		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	542.0		
		ROCHESTER	578.0		
		IRONDEQUOIT	629.5		
		REYNALES	0.		
		THOROLD	636.5		
		GRIMSBY	640.0		
	CATARACT	CABOT HEAD	642.0		
		MANITOULIN	650.5		
		WHIRLPOOL	676.2		
ORDOVICIAN		QUEENSTON	683.2		
	TRENTON	MEAFORD - DUNDAS	694.0		
		COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 698.0 MOC: 7

LATITUDE: 42-11-32 N

LONGITUDE: 81-22-33 W SEQ: 1

CONFIDENTIAL: 1981 06 22

SPUDDED: 1980 06 18

COMPLETED: 1980 06 22

ABANDONED:

SPL. TRAY No. 5450 INDEX No. 1110

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
640.0- 647.0	4758 M3/D	6494 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	30.4	HANGING	30.4
244MM	53.6KG	78.6	CEMENTED	
178MM	29.8KG	246.7	CEMENTED	
114MM	14.4KG	696.4	CEMENTED	
60MM	7.2KG	638.5	HANGING	

LOGGING RECORD

LOGGING CO.: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
25.0- 692.2	GRNL	25.0- 692.2	CALP
25.0- 692.2	DENL	246.6- 694.4	LATL
634.0- 685.6	CMPL		

CORING RECORD

CONDITION	STORED		*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. D UNIT EQU 455.0 B UNIT EQU 486.3
DE CEW 620.0
SPRINGVALE AT BASE OF BOIS BLANC
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS 4758 M3/D
PRESSURE 6494 KPA

PRODUCING INTVL (m) 643.6- 644.1
644.5- 645.0 645.5- 646.0

PERFORATED YES OPEN HOLE

FORMATION(S) GRIMSBY

D.S.T.'S ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: KENT TOWNSHIP: LAKE ERIE LOT: 221 CON: R

WELL NAME: CONSUMERS 13718 LAKE ERIE 221-R PERMIT NO.: 5329

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 694.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+ 6.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 70.0					
	LAKE / GROUND LEVEL		6.5	174.7	
	DRIFT / LAKE BOTTOM		30.8		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	75.3		
		MARCELLUS	140.8		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	228.6		
		AMHERSTBURG	0.		
		BOIS BLANC	277.6		
		BASS ISLANDS	297.8		
SILURIAN		G UNIT SHALE	349.0		
		F UNIT SHALE	361.7		
		E UNIT CARB.	369.8		
		D UNIT SALT	414.3		
		C UNIT SHALE	0.		
		MARKER	453.9		
		B UNIT SALT	479.7		
		ANHY.	0.		
		CARB.	489.7		
		A-2 UNIT SALT	498.8		
		ANHY.	0.		
		CARB.	510.8		
		A-1 UNIT EVAP.	513.2		
	GUELPH		0.		
	ERAMOSA		527.3		
	AMABEL	GOAT ISLAND	0.		
		GASPORT			
		ROCHESTER	623.2		
		IRONDEQUOIT	0.		
		REYNALES	637.7		
		THOROLD	642.4		
	CATARACT	GRIMSBY	643.2		
		CABOT HEAD	659.6		
		MANITOULIN	680.0		
		WHIRLPOOL	0.		
ORDOVICIAN		QUEENSTON	686.5		
	TRENTON	MEAFORD - DUNDAS			
		COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 694.0 MOC: 7

LATITUDE: 42-11-38 N

LONGITUDE: 81-27-35 W SEQ: 1

CONFIDENTIAL: 1980 07 26

SPUDDED: 1980 08 23

COMPLETED: 1980 08 26

ABANDONED: 1980 08 27

SPL. TRAY No. 4735 INDEX No. 1256

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m3/d	TYPE
600.0- 603.0			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	30.6	HANGING	30.6
244MM	53.6KG	76.3	CEMENTED	
178MM	29.8KG	250.7	CEMENTED	

LOGGING RECORD

LOGGING CO.: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
249.8- 692.5	GRNL	249.8- 692.5	DENL
249.8- 692.5	CALP		

CORING RECORD

CONDITION	STORED		*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

YER BAY 0. D UNIT EQU 448.3 B UNIT EQU 481.2
DE CEW 619.5 FOSSIL HIL 640.3
SPRINGVALE AT BASE OF BOIS BLANC
CRITICAL MISSING SAMPLES
GOAT ISLAND EQUALS WIARTON

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.'S ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: DRY

COUNTY: KENT TOWNSHIP: LAKE ERIE LOT: 224 CON: 0

WELL NAME: CONSUMERS 13721 LAKE ERIE 224-0 PERMIT NO.: 5400

OPERATOR: CONSUMERS GAS CO.

DRILLING CO. UNDERWATER GAS DEV

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 650 P.B.T.D.

RIG TYPE: ROT ELEV. 174.7+ 6.4M

CO-ORDINATES:

LATITUDE: 42 12 57 N

LONGITUDE: 81 44 58 W SEQ: 1

CONFIDENTIAL: 1981 07 14

SPUDDED: 1980 07 09

COMPLETED: 1980 07 14

ABANDONED: 1980 07 14

SPL. TRAY No. 6595 INDEX No. 1262

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT m			
LAKE / GROUND LEVEL	6.4		
DRIFT / LAKE BOTTOM	28.8		
DEVONIAN — PRT. LAMBTON	0.		
DEVONIAN — HAMILTON — KETTLE POINT	63.0		
DEVONIAN — HAMILTON — MARCELLUS	102.0		
DEVONIAN — DUNDEE	173.0		
DEVONIAN — DETROIT RIVER — LUCAS	212.0		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	243.0		
DEVONIAN — SOIB BLANC	293.6		
SILURIAN — BASS ISLANDS	326.0		
SILURIAN — G UNIT SHALE	369.0		
SILURIAN — F UNIT SHALE	376.5		
SILURIAN — E UNIT CARB.	403.0		
SILURIAN — D UNIT SALT	0.		
SILURIAN — C UNIT SHALE	441.0		
SILURIAN — B UNIT MARKER	453.6		
SILURIAN — B UNIT SALT	466.5		
SILURIAN — B UNIT ANHY.	508.0		
SILURIAN — A-2 UNIT CARB.	515.0		
SILURIAN — A-2 UNIT SALT	0.		
SILURIAN — A-1 UNIT ANHY.	535.0		
SILURIAN — A-1 UNIT CARB.	541.0		
SILURIAN — A-1 UNIT EVAP.			
SILURIAN — GUELPH	551.0		
SILURIAN — ERAMOSA	0.		
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT	612.0		
SILURIAN — AMABEL — ROCHESTER	635.0		
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — CATARACT — REYNALES			
SILURIAN — CATARACT — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD - DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 650.0m	MOC: 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
125.0-	SHOW	
301.0-	SHOW	
514.0- 530.0		151 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV. m	FLOW m³/d	TYPE
NIL			

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273 MM	75.9KG	28.8	HANGING	28.8
244 MM	53.6KG	77.2	CEMENTED	
178 MM	29.8KG	236.2	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
25.0- 643.5	GRNL	236.0 - 649.0	DENL
236.0- 649.0	CALP	240.0 - 645.0	LATL

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m

REMARKS

B UNIT EQU 436 B UNIT EQU 459.5

FINAL RESULTS

OIL

GAS

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: KENT TOWNSHIP: LAKE ERIE LOT: 226 CON: W

WELL NAME: CONSUMERS 13722 LAKE ERIE 226-W PERMIT NO.: 5401

OPERATOR: CONSUMERS GAS CO.

DRILLING CO. UNDERWATER GAS DEV

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 547.5M P.B.T.D.

RIG TYPE: ROT ELEV. 174.7M+ 6.4M

CO-ORDINATES:

LATITUDE: 42-10-11 N

LONGITUDE: 81-52-53 W SEQ: 1

CONFIDENTIAL: 1981 07 17

SPUDDED: 1980 07 15

COMPLETED: 1980 07 17

ABANDONED 1980 07 18

SPL. TRAY No. 3972 INDEX No. 1261

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 47.0			
LAKE / GROUND LEVEL	6.4	174.7	
DRIFT / LAKE BOTTOM	28.8		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — HAMILTON — KETTLE POINT	62.5		
DEVONIAN — HAMILTON — MARCELLUS	109.4		
DEVONIAN — DUNDEE	170.8		
DEVONIAN — DETROIT RIVER — LUCAS	223.4		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	243.7		
DEVONIAN — SOIB BLANC	281.9		
SILURIAN — BASS ISLANDS	331.0		
SILURIAN — G UNIT SHALE	374.2		
SILURIAN — F UNIT SHALE	382.0		
SILURIAN — E UNIT CARB.	408.1		
SILURIAN — D UNIT SALT	0.		
SILURIAN — C UNIT SHALE	454.2		
SILURIAN — B UNIT MARKER	466.7		
SILURIAN — B UNIT SALT	0.		
SILURIAN — B UNIT ANHY.	481.0		
SILURIAN — A-2 UNIT CARB.	483.0		
SILURIAN — A-2 UNIT SALT	0.		
SILURIAN — A-1 UNIT ANHY.	509.2		
SILURIAN — A-1 UNIT CARB.	526.2		
SILURIAN — A-1 UNIT EVAP.	0.		
SILURIAN — GUELPH	538.0		
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — CATARACT — REYNALES			
SILURIAN — CATARACT — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD - DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 546.0m	MOC: 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
82.0-	SHOW	
482.0- 547.5	SHOW	5186 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	25.8	HANGING	25.8
244MM	53.6KG	67.7	CEMENTED	
178MM	29.8KG	239.7	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
25.0- 546.0	GRNL	25.0- 546.0	CALP
238.5- 546.0	DENL	242.0- 542.0	LATL

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

UNIT EQU 439.4 B UNIT EQU 472.2
COLUMBUS FACIES PRESENT IN LUCAS

FINAL RESULTS

OIL NIL

GAS SHOW

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: KENT TOWNSHIP: LAKE ERIE LOT: 236 CON: N

WELL NAME: CUP 3 TILBURY LAKE ERIE 236-N PERMIT NO.: 5463

OPERATOR: CONSOLIDATED WEST TOTAL DEPTH: 440.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+ 7.0M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 90.0					
LAKE / GROUND LEVEL			7.0	174.7	
DRIFT / LAKE BOTTOM			34.1		
DEVONIAN	PRT. LAMBTON				
	KETTLE POINT				
	HAMILTON		50.1		
		MARCELLUS			
	DUNDEE		64.2		
	DETROIT RIVER	LUCAS	106.5		
		AMHERSTBURG	150.2		
		BOIS BLANC	182.8		
		BASS ISLANDS	211.0		
SILURIAN		G UNIT SHALE	271.4		
		F UNIT SHALE	278.8		
		E UNIT CARB.	308.9		
		D UNIT SALT			
		C UNIT SHALE	343.2		
		ANHYDR.	356.2		
		B UNIT SALT	0.		
		ANHY.	373.2		
		CARB.	378.9		
		A-2 UNIT SALT	0.		
		ANHY.	396.8		
		A-1 UNIT CARB.	397.4		
		EVAP.	0.		
	GUELPH		400.2		
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
	CATARACT	REYNALES			
		THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 441.0			MDC: 7		

LATITUDE: 42-07-14 N

LONGITUDE: 82-08-45 W SEC 1

CONFIDENTIAL: 1980 10 28

SPUDDED: 1980 09 25

COMPLETED: 1980 09 28

ABANDONED: 1980 10 29

SPL. TRAY No. 6929 INDEX No. 1260

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
377.0- 439.8	394 M3/D	3590 KPA
376.4- 439.8	160 M3/D	3623 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	86.3	CEMENTED	

LOGGING RECORD

LOGGING CO.: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
86.0- 439.3	GRNL	86.0- 439.3	CALP
86.0- 438.0	SONL	87.0- 435.0	LATL

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

D UNIT EQU 337.4
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL. (m)
PERFORATED OPEN HOLE
FORMATION(S)

2 D.S.T.(S) ON FILE TREATMENT:

11

CLASS: NFW FIELD/POOL: STATUS: GAS AND OIL SHOW -ABD

COUNTY: KENT TOWNSHIP: LAKE ERIE LOT: 284 CON: U

WELL NAME: CONSUMERS 13730 LAKE ERIE 284-U PERMIT NO.: 5353

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 1328.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+ 6.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 70.0					
LAKE / GROUND LEVEL			6.5	174.7	
DRIFT / LAKE BOTTOM			29.0		
DEVONIAN	PRT. LAMBTON				
	KETTLE POINT				
	HAMILTON		59.5		
		MARCELLUS	0.		
	DUNDEE		61.3		
	DETROIT RIVER	LUCAS	111.8		
		AMHERSTBURG	128.3		
		BOIS BLANC	163.7		
		BASS ISLANDS	261.8		
SILURIAN		G UNIT SHALE	334.4		
		F UNIT SHALE	349.8		
		E UNIT CARB.	378.8		
		D UNIT SALT	0.		
		C UNIT SHALE	411.7		
		ANHYDR.	429.3		
		B UNIT SALT	0.		
		ANHY.	449.2		
		CARB.	451.7		
		A-2 UNIT SALT	0.		
		ANHY.	468.8		
		A-1 UNIT CARB.	471.8		
		EVAP.	0.		
	GUELPH		479.1		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	601.2		
		IRONDEQUOIT	0.		
	CATARACT	REYNALES	0.		
		THOROLD	0.		
		GRIMSBY	0.		
		CABOT HEAD	617.9		
		MANITOULIN	658.2		
		WHIRLPOOL	0.		
ORDOVICIAN	QUEENSTON		669.2		
	MEAFORD-DUNDAS		767.2		
	COLLINGWOOD		929.3		
	TRENTON	COBOURG	973.8		
		VERULAM	998.4		
		KIRKFIELD	1031.5		
	BLACK RIVER	COBOCONK	1079.8		
		GULL RIVER	1100.8		
		SHADOW LAKE	1225.9		
CAMBRIAN			1229.8		
PRECAMBRIAN			1307.8		
TOTAL DEPTH SAMPLES 1328.0			MDC: 7		

LATITUDE: 42-08-26 N

LONGITUDE: 82-08-10 W SEC: 1

CONFIDENTIAL: 1981 07 08

SPUDDED: 1980 06 28

COMPLETED: 1980 07 08

ABANDONED: 1980 07 09

SPL. TRAY No. 6921 INDEX No. 1263

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
312.0-	SHOW	
942.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
1229.0-1260.0	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	70.4	CEMENTED	
244MM	53.6KG	245.9	CEMENTED	
178MM	29.8KG	994.6	CEMENTED	

LOGGING RECORD

LOGGING CO.: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
27.7-1222.0	GRNL	245.8-1227.0	DENL
246.2-1223.0	LATL		

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
1227.3-1233.5	5.1		

REMARKS

OVER BAY 0. DE CEW 0. D UNIT EQU 467.8
B UNIT EQU 435.3 FOSSIL HIL 611.5
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL. (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT:

11

CLASS: NPW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: KENT TOWNSHIP: LAKE ERIE LOT: 287 CON: E

WELL NAME: CWP TILBURY LAKE ERIE 287-E PERMIT NO.: 5465

OPERATOR: CONSOLIDATED WEST TOTAL DEPTH: 458.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+13.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 87.0					
LAKE / GROUND LEVEL			13.8	174.7	
DRIFT / LAKE BOTTOM			0.		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	62.0		
	DETROIT RIVER	LUCAS	95.0		
		AMHERSTBURG	120.7		
		BOIS BLANC	160.3		
		BASS ISLANDS	176.8		
SILURIAN		G UNIT SHALE	242.1		
		F UNIT SHALE	248.8		
		E UNIT CARB.	279.9		
		D UNIT SALT	0.		
		C UNIT SHALE	314.8		
		MARKER	328.8		
		B UNIT SALT	0.		
		ANHY.	343.8		
		CARB.	349.8		
		A-2 UNIT SALT	0.		
		ANHY.	366.8		
		CARB.	371.8		
		A-1 UNIT SWAP.	0.		
	GUELPH		377.8		
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 459.0 MOC 7

LATITUDE: 42-05-00 N

LONGITUDE: 82-19-03 W SEQ: 1

CONFIDENTIAL: 1981 10 03

SPUDDED: 1980 09 29

COMPLETED: 1980 10 03

ABANDONED:

SPL. TRAY No. 6447 INDEX No. 1259

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
367.0- 403.0	439 M3/D	3473 KPA
348.0- 459.0		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
93.0	SHOW	
376.0	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	84.1	CEMENTED	
114MM	14.1KG	448.7		
60MM	6.9KG	364.6		

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
80.0- 458.5	GRNL	80.0- 458.5	DENL
86.0- 454.5	LATL	70.0- 455.0	SONL
80.0- 458.5	CALP		

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

D UNIT EQU 368.8 B UNIT EQU 334.0

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(s) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: KENT TOWNSHIP: LAKE ERIE LOT: 314 CON: G

WELL NAME: CONSUMERS 13732 LAKE ERIE 314-G PERMIT NO.: 5416

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 699.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+ 6.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 75.0					
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			30.1		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	73.6		
		DUNDEE	89.2		
	DETROIT RIVER	LUCAS	113.1		
		AMHERSTBURG	162.4		
		BOIS BLANC	226.4		
		BASS ISLANDS	289.3		
SILURIAN		G UNIT SHALE	383.0		
		F UNIT SHALE	396.2		
		E UNIT CARB.	421.9		
		D UNIT SALT	0.		
		C UNIT SHALE	466.7		
		MARKER	483.0		
		B UNIT SALT	0.		
		ANHY.	499.5		
		CARB.	505.2		
		A-2 UNIT SALT	0.		
		ANHY.	523.7		
		CARB.	529.5		
		A-1 UNIT SWAP.	529.5		
	GUELPH		530.8		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	559.5		
		GASPORT	622.5		
		ROCHESTER	640.0		
		IRONDEQUOIT	0.		
		REYNALES	648.5		
		THOROLD	0.		
	CATARACT	GRIMSBY	653.5		
		CABOT HEAD	668.0		
		MANITOULIN	690.5		
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 699.0 MOC 7

LATITUDE 41-56-52 N

LONGITUDE: 81-58-39 W SEQ: 1

CONFIDENTIAL: 1981 07 25

SPUDDED: 1980 07 22

COMPLETED: 1980 07 25

ABANDONED: 1980 07 26

SPL. TRAY No. 5088 INDEX No. 1256

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
380.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
566.0- 699.0			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	30.1	HANGING	30.1
244MM	53.6KG	73.7	CEMENTED	
178MM	29.8KG	226.9	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
25.0- 693.2	GRNL	25.0- 693.2	CALP
227.0- 698.5	DENL		

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. D UNIT EQU 460.5
B UNIT EQU 488.8 DE CEW 635.5
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(s) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: KENT TOWNSHIP: LAKE ERIE LOT: 314 CON: R

WELL NAME: CONSUMERS 13731 LAKE ERIE 314-R PERMIT NO.: 5405

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 610.0M P.B.T.D.

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+ 6.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 72.0					
LAKE / GROUND LEVEL			0.3	174.7	
DRIFT / LAKE BOTTOM			0.		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	60.9		
		MARCELLUS	73.2		
	DETROIT RIVER	DUNDEE	132.6		
		LUCAS	150.0		
		AMHERSTBURG	217.8		
		BOIS BLANC	286.0		
SILURIAN		BASS ISLANDS	317.0		
		G UNIT SHALE	392.9		
		F UNIT SHALE	403.0		
		E UNIT CARB.	429.7		
		D UNIT SALT	0.		
		C UNIT SHALE	469.7		
		MARKER	483.3		
		B UNIT SALT	0.		
		ANHY.	499.0		
		CARB.	506.9		
		A-2 UNIT SALT	0.		
		ANHY.	523.6		
		CARB.	529.3		
		A-1 UNIT SHALE	530.2		
	GUELPH		531.0		
	AMABEL	BRAMOSA			
		GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 610.3 MDC: 7

LATITUDE: 41-56-19 N

LONGITUDE: 81-57-23 W SEQ: 1

CONFIDENTIAL: 1981 07 21

SPUDDED: 1980 07 18

COMPLETED: 1980 07 21

ABANDONED: 1980 07 22

SPL. TRAY No. 2623 INDEX No. 1255

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	30.3	HANGING	30.3
244MM	53.6KG	72.7	CEMENTED	
178MM	29.8KG	222.7	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
30.0- 604.8	GRNL	30.0- 604.8	CALP
223.0- 610.4	DENL		

CORING RECORD

CONDITION	STORED	*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

D UNIT EQU 463.8 B UNIT EQU 489.0

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

41

CLASS: NPW FIELD/POOL: STATUS: OIL PRODUCER

COUNTY: KENT TOWNSHIP: ZONE LOT: 5 CON: IV

WELL NAME: ROWE NO. 1 ZONE 6-5-IV PERMIT NO.: 5365

OPERATOR: ROWE, E. P. TOTAL DEPTH: 84.4M P.B.T.D.

DRILLING CO: MARSH, THOMAS L. RIG TYPE: CAB ELEV. 193.5M+ .6M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 107.4M S1 586.7M E

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 24.0					
LAKE / GROUND LEVEL				193.5	
DRIFT / LAKE BOTTOM			0.		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	34.1		
	DETROIT RIVER	DUNDEE	0.		
		LUCAS	76.1		
		AMHERSTBURG	112.9		
		BOIS BLANC			
SILURIAN		BASS ISLANDS			
		G UNIT SHALE			
		F UNIT SHALE			
		E UNIT CARB.			
		D UNIT SALT			
		C UNIT SHALE			
		MARKER			
		B UNIT SALT			
		ANHY.			
		CARB.			
		A-2 UNIT SALT			
		ANHY.			
		CARB.			
		A-1 UNIT SHALE			
	GUELPH				
	AMABEL	BRAMOSA			
		GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 83.2 MDC: 7

LATITUDE: 42-35-42 N

LONGITUDE: 81-57-20 W SEQ: 1

CONFIDENTIAL: 1981 09 29

SPUDDED: 1980 09 15

COMPLETED: 1980 06 02

ABANDONED:

SPL. TRAY No. 6181 INDEX No. 1252

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
24.4- 38.1	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
55.2	SHOW	
70.1- 84.4	1.0 M3/D	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
35.1- 38.1			FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	8.5	BAREFOOT	
219MM	35.7KG	36.0	CASING SHOE	
178MM	29.8KG	71.6	CASING SHOE	
60MM	14.1KG	75.3	HANGING	75.3

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 84.4	GRNL	71.9- 83.8	DENL

CORING RECORD

CONDITION	STORED	*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

COLUMBUS FACIES PRESENT IN LUCAS

FINAL RESULTS

OIL 1.0 M3/D

GAS NIL

PRESSURE

PRODUCING INTVL (m) 70.1- 84.4

PERFORATED OPEN HOLE

FORMATION(S) DUNDEE

D.S.T.(S) ON FILE TREATMENT

41

CLASS: DEVEL FIELD/POOL: STATUS: OIL PRODUCER

COUNTY: KENT TOWNSHIP: ZONE LOT: 5 CON: IV

WELL NAME: ROWE NO. 2 ZONE 3-5-IV

OPERATOR: ROWE, E. P.

DRILLING CO.: MARSH, THOMAS L.

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5390

TOTAL DEPTH: 114.0M P.B.T.D.

RIG TYPE: CAB ELEV 193.4M+ .5M

CO-ORDINATES: 75.4M S; 754.4M E

LATITUDE: 42-35-42 N

LONGITUDE: 81-57-11 W SEQ: 1

CONFIDENTIAL: 1980 07 27

SPUDDED: 1980 06 16

COMPLETED: 1980 06 27

ABANDONED:

SPL. TRAY No. 6181 INDEX No. 1253

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 30.5			
LAKE / GROUND LEVEL		193.4	
DRIFT / LAKE BOTTOM	.5		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS	31.0		
DEVONIAN — HAMILTON — DUNDEE	70.7		
DEVONIAN — DETROIT RIVER — LUCAS	110.0		
DEVONIAN — DETROIT RIVER — AMHERSTBURG			
DEVONIAN — BOIS BLANC			
DEVONIAN — BASS ISLANDS			
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB.			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE			
SILURIAN — B UNIT MARKER			
SILURIAN — B UNIT SALT			
SILURIAN — B UNIT ANHY.			
SILURIAN — A-2 UNIT CARB.			
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY.			
SILURIAN — A-1 UNIT CARB.			
SILURIAN — A-1 UNIT EVAP.			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — CATARACT — REYNALES			
SILURIAN — CATARACT — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD - DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 118.9	MOC 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
36.5- 39.8	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
50.4- 56.1	SHOW	
75.9- 114.0	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
19.7-	7.7		FRESH
36.5- 39.8	7.7		FRESH
112.0- 114.0	82.8		SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	8.6	BAREFOOT	
219MM	35.7KG	32.0	CASING SHOE	
178MM	29.8KG	68.5	BOTTOM PAC	
114MM	14.1KG	111.0	HANGING	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 114.0	GRNL	68.5- 113.0	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

COLUMBUS FACIES PRESENT IN LUCAS

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m) 100.0- 107.5

PERFORATED FORMATION(S) DUNDEE

OPEN HOLE

D.S.T.(S) ON FILE

TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: OIL PRODUCER

COUNTY: KENT TOWNSHIP: ZONE LOT: 5 CON: IV

WELL NAME: ROWE NO.4 ZONE 6-5-IV

OPERATOR: ROWE, E. P.

DRILLING CO.: MARSH, THOMAS L.

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5423

TOTAL DEPTH: 118.0M P.B.T.D 106.9M

RIG TYPE CAB ELEV 192.6M+ .6M

CO-ORDINATES: 213.0M S; 606.7M E

LATITUDE: 42-35-36 N

LONGITUDE: 81-57-19 W SEQ 1

CONFIDENTIAL: 1980 09 27

SPUDDED 1980 08 04

COMPLETED: 1980 08 27

ABANDONED:

SPL. TRAY No. 6181 INDEX No. 1256

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 41.0			
LAKE / GROUND LEVEL		192.6	
DRIFT / LAKE BOTTOM	.6		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS	40.2		
DEVONIAN — HAMILTON — DUNDEE	0.		
DEVONIAN — DETROIT RIVER — LUCAS	68.6		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	111.9		
DEVONIAN — BOIS BLANC			
DEVONIAN — BASS ISLANDS			
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB.			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE			
SILURIAN — B UNIT MARKER			
SILURIAN — B UNIT SALT			
SILURIAN — B UNIT ANHY.			
SILURIAN — A-2 UNIT CARB.			
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY.			
SILURIAN — A-1 UNIT CARB.			
SILURIAN — A-1 UNIT EVAP.			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — CATARACT — REYNALES			
SILURIAN — CATARACT — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD - DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 119.0	MOC 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
110.0- 111.0	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
18.4- 33.6			FRESH
111.0- 118.0			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
254MM		8.7	BAREFOOT	
203MM		31.0	CASING SHOE	
178MM		68.8	BOTTOM PAC	
51MM		117.0	HANGING	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 117.0	GRNL	68.8- 117.0	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

COLUMBUS FACIES PRESENT IN LUCAS

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m) 91.6- 106.8

PERFORATED FORMATION(S) DUNDEE

OPEN HOLE YES

D.S.T.(S) ON FILE

TREATMENT DYNM

CLASS: DEVEL FIELD/POOL: STATUS: GAS AND OIL SHOW -ABD

COUNTY: KENT TOWNSHIP: ZONE LOT: 6 CON: IV

WELL NAME: ROWE #3 ZONE 5-6-IV PERMIT NO.: 5406

OPERATOR: ROWE, E. P. TOTAL DEPTH: 111.3M P.B.T.D.

DRILLING CO.: MARSH, THOMAS L. RIG TYPE: CAB ELEV. 192.8M+ .6M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 61.0M N; 586.7M E

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 32.0			
LAKE / GROUND LEVEL		192.8	
DRIFT / LAKE BOTTOM	.8		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS	23.8		
DEVONIAN — HAMILTON — DUNDEE	71.2		
DEVONIAN — DETROIT RIVER — LUCAS	101.2		
DEVONIAN — DETROIT RIVER — AMHERSTBURG			
DEVONIAN — BOIS BLANC			
DEVONIAN — BASS ISLANDS			
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB.			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE			
SILURIAN — B UNIT MARKER			
SILURIAN — B UNIT SALT			
SILURIAN — B UNIT ANHY.			
SILURIAN — A-2 UNIT CARB.			
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY.			
SILURIAN — A-1 UNIT CARB.			
SILURIAN — A-1 UNIT EVAP.			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — CATARACT — REYNALES			
SILURIAN — CATARACT — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 111.3		MDC: 7	

LATITUDE: 42-35-48 N

LONGITUDE: 81-57-20 W SEC. 1

CONFIDENTIAL: 1980 08 25

SPUDDED: 1980 07 07

COMPLETED: 1980 07 23

ABANDONED: 1980 07 30

SPL. TRAY No. 6181 INDEX No. 1257

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
41.2- 42.8	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
52.1- 72.0	SHOW	
85.0- 93.8	SHOW	
93.0- 111.0	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
15.3- 26.0	7.6		FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	8.8	BAREFOOT	8.8
219MM	35.7KG	27.6	CASING SHOE	27.6
178MM	29.8KG	60.6	BOTTOM PAC	60.6

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.5- 111.1	GRNL	60.4- 110.0	DENL

CORING RECORD

CONDITION	STORED	*ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

POOR AGREEMENT BETWEEN LOG AND SAMPLES

FINAL RESULTS

OIL SHOW

GAS SHOW

PRESSURE

PRODUCING INTVL. (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT:

117

CLASS: NPW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: KENT TOWNSHIP: ZONE LOT: 6 CON: VI

WELL NAME: SHAWEST ZONE 2-6-VI PERMIT NO.: 5284

OPERATOR: SHAWEST PETROLEUM TOTAL DEPTH: 533.4M P.B.T.D.

DRILLING CO.: ASHBURN RIG TYPE: CAB ELEV. 196.3M+ 1.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 195.0M SI 228.6M W

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 69.0			
LAKE / GROUND LEVEL		196.3	
DRIFT / LAKE BOTTOM	1.5		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS	0.		
DEVONIAN — HAMILTON — DUNDEE	83.5		
DEVONIAN — DETROIT RIVER — LUCAS	127.5		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	166.8		
DEVONIAN — BOIS BLANC	241.2		
DEVONIAN — BASS ISLANDS	279.9		
SILURIAN — G UNIT SHALE	354.2		
SILURIAN — F UNIT SHALE	361.0		
SILURIAN — E UNIT CARB.	391.0		
SILURIAN — D UNIT SALT	0.		
SILURIAN — C UNIT SHALE	430.0		
SILURIAN — B UNIT MARKER	440.3		
SILURIAN — B UNIT SALT	450.1		
SILURIAN — B UNIT ANHY.	0.		
SILURIAN — A-2 UNIT CARB.	506.2		
SILURIAN — A-2 UNIT SALT	0.		
SILURIAN — A-2 UNIT ANHY.	518.9		
SILURIAN — A-1 UNIT CARB.	521.2		
SILURIAN — A-1 UNIT EVAP.			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — CATARACT — REYNALES			
SILURIAN — CATARACT — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 534.0		MDC: 6	

LATITUDE: 42-35-50 N

LONGITUDE: 81-54-36 W SEC. 1

CONFIDENTIAL: 1981 03 11

SPUDDED: 1980 02 07

COMPLETED: 1980 03 11

ABANDONED: 1980 03 13

SPL. TRAY No. 2181 INDEX No. 1251

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
92.7- 94.5	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
46.6-			FRESH
128.6-	24.4		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM		69.2	CASING SHOE	64.3
219MM		92.7	CASING SHOE	92.7
178MM		364.2	CEMENTED	295.4

LOGGING RECORD

LOGGING CO.:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION	STORED	*ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

6 UNIT EQU 0. D UNIT EQU 423.5
COLUMBUS FACIES PRESENT IN LUCAS
SPRINGVALE AT BASE OF BOIS BLANC
NO LOGS

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL. (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT:

11

KENT COUNTY

CLASS: DEVEL FIELD/POOL: STATUS: SALT WATER -ABD
COUNTY: LAMBTON TOWNSHIP: BROOKE LOT: 1 CON: XIV
WELL NAME: RON SMITH #3 A BROOKE 7-1-XIV PERMIT NO.: 5173
OPERATOR: SMITH+R.H. TOTAL DEPTH: 637.0M P.B.T.D.
DRILLING CO.: SMITH+R.H. RIG TYPE: CAB ELEV 210.6M+ .3M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 230.6M N; 104.7M E
LATITUDE: 42-55-13 N
LONGITUDE: 82-00-17 W SEQ: 1
CONFIDENTIAL: 1980 04 03
SPUDDED: 1979 11 29
COMPLETED: 1980 03 03
ABANDONED: 1980 03 12
SPL. TRAY No. 4123 INDEX No. 2295

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 19.0m					
LAKE / GROUND LEVEL				210.6	
DRIFT / LAKE BOTTOM			.3		
DEVONIAN	PRT. LAMBTON		0.		
		KETTLE POINT			
	HAMILTON		40.0		
		MARCELLUS	0.		
		DUNDEE	122.6		
	DETROIT RIVER	LUCAS	155.0		
		AMHERSTBURG	210.5		
		BOIS BLANC	282.2		
		BASS ISLANDS	306.5		
SILURIAN		G UNIT SHALE	347.0		
		F UNIT SHALE	355.5		
		E UNIT CARB.	382.5		
		D UNIT SALT	429.2		
		C UNIT SHALE	435.3		
		B UNIT MARKER	447.6		
		B UNIT SALT	455.4		
		B UNIT ANHY.	530.8		
		CARB.	530.2		
		A-2 UNIT SALT	0.		
		ANHY.	576.8		
		A-1 UNIT CARB.	580.5		
		EVAP.	615.8		
	GUELPH		619.5		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	622.2		
		GASPORT	625.5		
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
	CATARACT	THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 637.0m			MOC: 6		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
14.3-	7.6		FRESH
156.0-	73.8		SULPHUR
635.5-	457.2		SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM		14.8	CASING SHOE	14.8
219MM		128.9	CASING SHOE	128.9
178MM		345.9	CASING SHOE	88.4

LOGGING RECORD

LOGGING CO.:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS
0 UNIT EQU 0. D UNIT EQU 0.
NO LOGS

FINAL RESULTS
OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(s) ON FILE TREATMENT

11

CLASS: NFW FIELD/POOL: STATUS: DRY HOLE -ABD
COUNTY: LAMBTON TOWNSHIP: BROOKE LOT: 6 CON: VI
WELL NAME: BLUEWATER TRUE BROOKE 5-6-VI PERMIT NO.: 5531
OPERATOR: BLUEWATER GAS &OIL TOTAL DEPTH: 609.2M P.B.T.D.
DRILLING CO.: RAWLINGS DRILLING RIG TYPE: CAB ELEV 211.9M+ 1.2M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 820.0M S; 152.0M W
LATITUDE: 42-44-23 N
LONGITUDE: 81-56-48 W SEQ: 1
CONFIDENTIAL: 1981 12 17
SPUDDED: 1980 11 20
COMPLETED: 1980 12 17
ABANDONED: 1980 12 19
SPL. TRAY No. 7074 INDEX No. 2329

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 195.0m					
LAKE / GROUND LEVEL				211.9	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT	18.3		
	HAMILTON		44.3		
		MARCELLUS	0.		
		DUNDEE	121.6		
	DETROIT RIVER	LUCAS	153.5		
		AMHERSTBURG	208.5		
		BOIS BLANC	259.5		
		BASS ISLANDS	283.5		
SILURIAN		G UNIT SHALE	316.7		
		F UNIT SHALE	324.0		
		E UNIT CARB.	351.9		
		D UNIT SALT	0.		
		C UNIT SHALE	396.0		
		B UNIT MARKER	410.8		
		B UNIT SALT	419.0		
		B UNIT ANHY.	0.		
		A-2 UNIT CARB.	492.4		
		A-2 UNIT SALT	534.0		
		A-1 UNIT ANHY.	0.		
		A-1 UNIT CARB.	546.3		
		A-1 UNIT EVAP.	582.6		
	GUELPH		586.7		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	599.4		
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
	CATARACT	THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 608.0m			MOC: 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
19.5-	6.0		FRESH
166.5-	70.0		SULPHUR
594.5-	389.0		SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	19.5	CASING SHOE	19.5
219MM	35.7KG	123.0	CASING SHOE	123.0
178MM	29.8KG	329.3	CEMENTED	231.4

LOGGING RECORD

LOGGING CO.: COMPUTA LOG

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 609.2	GRNL	492.0- 609.0	DENL

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS
0 UNIT EQU 0. D UNIT EQU 392.5

FINAL RESULTS
OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(s) ON FILE TREATMENT

11

CLASS: NFW FIELD/POOL: STATUS: SALT WATER -ABD

COUNTY: LAMBTON TOWNSHIP: BROOKE LOT: 14 CON: XII

WELL NAME: SHELL RAN BROOKE 7-14-XII PERMIT NO.: 5384

OPERATOR: SHELL CANADA LTD.

DRILLING CO: RAWLINGS DRILLING

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 590.0M P.B.T.D

RIG TYPE: CAB ELEV: 231.0M+ 1.7M

CO-ORDINATES: 317.6M N: 170.0M E

LATITUDE: 42-53-36 N

LONGITUDE: 81-54-20 W SEQ: 1

CONFIDENTIAL: 1981 08 02

SPUDDED: 1980 06 11

COMPLETED: 1980 08 02

ABANDONED: 1980 08 14

SPL. TRAY No: 6118 INDEX No: 2314

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			27.0m		
LAKE / GROUND LEVEL				231.0	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	25.8		
		MARCELLUS	46.2		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	126.0		
		AMHERSTBURG	143.3		
		BOIS BLANC	218.3		
		BASS ISLANDS	277.5		
SILURIAN		G UNIT SHALE	294.5		
		F UNIT SHALE	326.6		
		E UNIT CARB.	333.6		
		D UNIT SALT	350.6		
		C UNIT SHALE	0.		
		MARKER	395.7		
		B UNIT SALT	408.9		
		ANHY.	421.6		
		CARB.	463.0		
		A-2 UNIT SALT	473.3		
		ANHY.	0.		
		CARB.	0.		
		A-1 UNIT EVAP.	496.2		
	GUELPH		0.		
	ERAMOSA		513.4		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	0.		
		ROCHESTER	582.0		
	CATARACT	IRONDEQUOIT			
		REYNALES			
		THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	TRENTON	QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			590.0m	MOC:	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
162.0-			SULPHUR
582.5- 585.5			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
339MM	71.4KG	27.0	CASING SHOE	27.0
273MM	60.1KG	127.0	CASING SHOE	127.0
219MM	35.7KG	341.7	CEMENTED	228.0

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 589.0	GRNL	340.0- 589.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

6 UNIT EQU 0. D UNIT EQU 391.1 DE CEW 577.2
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE

D.S.T.(S) ON FILE TREATMENT FORMATION(S)

CLASS NFW FIELD/POOL STATUS GAS AND OIL SHOW -ABD

COUNTY LAMBTON TOWNSHIP BROOKE LOT 22 CON XIII

WELL NAME: CONSUMERS 33110 BROOKE 1-22-XIII PERMIT NO.: 5311

OPERATOR CONSUMERS GAS CO.

DRILLING CO SHAW

GEOLOGY BY PETROLEUM RESOURCE

TOTAL DEPTH 608.8M P.B.T.D

RIG TYPE CAB ELEV 229.9M+ 1.5M

CO-ORDINATES 114.9M S: 167.6M W

LATITUDE 42-54-57 N

LONGITUDE 81-50-33 W SEQ 1

CONFIDENTIAL 1981 05 23

SPUDDED 1980 04 25

COMPLETED 1980 05 23

ABANDONED 1980 05 27

SPL TRAY No 4140 INDEX No 2303

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			34.0m		
LAKE / GROUND LEVEL				229.9	
DRIFT / LAKE BOTTOM			1.5		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	21.0		
		MARCELLUS	28.0		
		DUNDEE	108.0		
	DETROIT RIVER	LUCAS	139.0		
		AMHERSTBURG	202.0		
		BOIS BLANC	253.5		
		BASS ISLANDS	273.5		
SILURIAN		IG UNIT SHALE	316.0		
		F UNIT SHALE	323.0		
		E UNIT CARB	350.0		
		D UNIT SALT	391.0		
		C UNIT SHALE	394.4		
		MARKER	413.0		
		B UNIT SALT	421.4		
		ANHY			
		CARB	496.0		
		A-2 UNIT SALT	538.5		
		ANHY			
		CARB	551.5		
		A-1 UNIT EVAP	587.0		
	GUELPH		597.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	602.5		
		GASPORT			
		ROCHESTER			
	CATARACT	IRONDEQUOIT			
		REYNALES			
		THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	TRENTON	QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			588.6m	MOC	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
107.0-	SHOW	
124.0- 126.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
124.0- 126.0	SHOW	
145.0	SHOW	

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
19.0-			SULPHUR
145.0-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	60.2KG	20.5	CASING SHOE	13.
219MM	35.7KG	116.2	CASING SHOE	116.
178MM	29.8KG	336.6	CEMENTED	245.

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 608.8	GRNL	116.0- 320.6	DENL
336.0- 608.4	DENL		

CORING RECORD

CONDITION	STORED		*ANAL.
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

6 UNIT EQU 0.
SPRINGVALE AT BASE OF BOIS BLANC
COLUMBUS FACIES PRESENT IN LUCAS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE

D.S.T.(S) ON FILE TREATMENT FORMATION(S)

LAMBTON COUNTY

CLASS: NPW FIELD/POOL: STATUS: OIL SHOW -ABD

COUNTY: LAMBTON TOWNSHIP: DAWN LOT: 22 CON: III

WELL NAME: WHITTY #2 DAWN 3-22-III

OPERATOR: WHITTY, JACK

DRILLING CO.: STEVENSON C.

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5418

TOTAL DEPTH: 596.4M P.B.T.D. 507.5M

RIG TYPE: CAB ELEV. 193.7M+ 1.2M

CO-ORDINATES: 150.8M S; 509.9M W

LATITUDE: 42-41-43 N

LONGITUDE: 82-11-55 W SEQ 1

CONFIDENTIAL: 1981 09 08

SPUDDED: 1980 07 30

COMPLETED: 1980 09 08

ABANDONED: 1980 09 24

SPL. TRAY No. 6632 INDEX No. 2325

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 20.0m					
LAKE / GROUND LEVEL				193.7	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	18.4		
		MARCELLUS	94.6		
		DUNDEE	176.0		
	DETROIT RIVER	LUCAS	197.5		
		AMHERSTBURG	282.2		
		BOIS BLANC	311.1		
		BASS ISLANDS	344.2		
SILURIAN		G UNIT SHALE	390.9		
		F UNIT SHALE	398.6		
		E UNIT CARB.	429.3		
		D UNIT SALT	0.		
		C UNIT SHALE	469.9		
		MARKER	482.2		
		B UNIT SALT	0.		
		ANHY.	494.8		
		A-2 UNIT CARB.	496.0		
		SALT	536.8		
		ANHY.	545.1		
		A-1 UNIT CARB.	546.5		
		EVAP.	580.4		
	GUELPH		586.4		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	592.7		
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 593.0m MOC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
500.0- 505.0	SHOW	
507.0- 507.5	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
19.8- 20.4			FRESH
192.0- 195.0	55.0		SULPHUR
512.0- 515.0	396.0		SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	92.0	CASING SHOE	92.0
219MM	35.7KG	219.0	CASING SHOE	219.0
178MM	29.8KG	393.0	CEMENTED	337.0
60MM	7.0KG	506.0	HANGING	506.0

LOGGING RECORD

LOGGING CO. GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 596.4	GRNL	458.0- 596.4	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

0 UNIT EQU 464.5 B UNIT EQU 487.6
POOR AGREEMENT BETWEEN LOG AND SAMPLES

FINAL RESULTS

OIL SHOW
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE YES
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: LAMBTON TOWNSHIP: DAWN LOT: 24 CON: IV

WELL NAME: WHITTY DAWN #1 DAWN 5-24-IV

OPERATOR: WHITTY EXPLORATION

DRILLING CO.: STEVESON DRILLING

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5196

TOTAL DEPTH: 588.6M P.B.T.D.

RIG TYPE: CAB ELEV. 194.5M+ 1.3M

CO-ORDINATES: 151.0M N; 503.0M E

LATITUDE: 42-42-11 N

LONGITUDE: 82-10-09 W SEQ 1

CONFIDENTIAL: 1980 06 23

SPUDDED: 1980 04 19

COMPLETED: 1980 05 23

ABANDONED: 1980 05 28

SPL. TRAY No. 1768 INDEX No. 2304

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 34.0m					
LAKE / GROUND LEVEL				194.5	
DRIFT / LAKE BOTTOM			1.5		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	92.0		
		MARCELLUS			
		DUNDEE	181.8		
	DETROIT RIVER	LUCAS	209.0		
		AMHERSTBURG	274.5		
		BOIS BLANC	292.7		
		BASS ISLANDS	335.5		
SILURIAN		G UNIT SHALE	375.5		
		F UNIT SHALE	382.5		
		E UNIT CARB.	413.0		
		D UNIT SALT	0.		
		C UNIT SHALE	460.0		
		MARKER	470.0		
		B UNIT SALT	488.0		
		ANHY.			
		CARB.	490.5		
		A-2 UNIT SALT	532.0		
		ANHY.			
		A-1 UNIT CARB.	537.0		
		EVAP.	572.0		
	GUELPH		576.5		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	582.2		
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 588.6m MOC:

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
577.3- 586.4	SHOW	448 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
19.5-			
189.0- 192.0	47.6		FRESH SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	20.7	CASING SHOE	
219MM	35.7KG	178.9	CASING SHOE	
178MM	29.8KG	387.7	CEMENTED	

LOGGING RECORD

LOGGING CO.

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

0 UNIT EQU 453.0 B UNIT EQU 474.0
#F= SALT PRESENT
SPRINGVALE AT BASE OF BOIS BLANC
NO LOGS

FINAL RESULTS

OIL NIL
GAS SHOW
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: LAMBTON TOWNSHIP: DAWN LOT: 25 CON: VII

WELL NAME: FORBES #18 DAWN 8-25-VII PERMIT NO.: 5394

OPERATOR: MEYLOW OIL CO. LTD TOTAL DEPTH: 582.8M P.B.T.D 551.7M

DRILLING CO.: NEWPORT, LORNE T. RIG TYPE: CAB ELEV. 200.3M+ .6M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 293.8M S; 563.8M W

LATITUDE: 42-42-18 N

LONGITUDE: 82-11-58 W SEQ 1

CONFIDENTIAL: 1980 11 15

SPUDDED: 1980 07 18

COMPLETED: 1980 10 15

ABANDONED:

SPL. TRAY No. 6455 INDEX No 2322

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 18.0m					
LAKE / GROUND LEVEL				200.3	
DRIFT / LAKE BOTTOM			.6		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	20.7		
		MARCELLUS	79.9		
	DUNDEE		161.9		
	DETROIT RIVER	LUCAS	192.0		
		AMHERSTBURG	279.0		
		BOIS BLANC	283.0		
SILURIAN	BASS ISLANDS		338.0		
	G UNIT	SHALE	366.0		
	F UNIT	SHALE	370.0		
	E UNIT	CARB.	419.0		
	D UNIT	SALT			
	C UNIT	SHALE	458.1		
		MARKER	470.6		
	B UNIT	SALT			
		ANHY.	486.8		
		CARB.	489.8		
	A-2 UNIT	SALT	525.5		
		ANHY	528.2		
		CARB	534.3		
	A-1 UNIT	EVAP.	569.1		
	GUELPH		573.0		
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 582.0m			MOC:	6	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
487.7- 490.1	1133 M3/D	3723 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
590.4- 593.8	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE
187.8-		91.4	SULPHUR
590.4-			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
254MM	47.6KG	21.9	CASING SHOE	
219MM	35.7KG	162.5	CASING SHOE	162.5
178MM	29.8KG	384.0	CEMENTED	257.3
114MM	14.1KG	582.2	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
457.2- 582.8	GRNL	487.7- 582.8	DENL

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

D UNIT EQU 454.0 B UNIT EQU 476.7
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL SHOW
GAS SHOW
PRESSURE
PRODUCING INTVL (m) 534.0- 534.9
PERFORATED YES OPEN HOLE
FORMATION(S) A2 ANHYDRITE
A1 CARBONATE

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: LAMBTON TOWNSHIP: DAWN LOT: 26 CON: VI

WELL NAME: MICHIGAN UNION DAWN 3-26-VI PERMIT NO.: 5205

OPERATOR: MICHIGAN OIL CO LT TOTAL DEPTH: 583.0M P.B.T.D

DRILLING CO.: SHAW RIG TYPE: CAB ELEV. 199.9M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 106.7M S; 527.3M W

LATITUDE: 42-42-59 N

LONGITUDE: 82-08-52 W SEQ 1

CONFIDENTIAL: 1980 05 14

SPUDDED: 1980 02 25

COMPLETED: 1980 04 14

ABANDONED:

SPL. TRAY No. 4130 INDEX No 2300

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 21.0m					
LAKE / GROUND LEVEL				199.9	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	20.0		
		MARCELLUS	57.0		
	DUNDEE		0.		
	DETROIT RIVER	LUCAS	126.6		
		AMHERSTBURG	150.5		
		BOIS BLANC	216.0		
SILURIAN	BASS ISLANDS		250.0		
	G UNIT	SHALE	282.0		
	F UNIT	SHALE	328.0		
	E UNIT	CARB.	334.1		
	D UNIT	SALT	361.2		
	C UNIT	SHALE	0.		
		MARKER	405.0		
	B UNIT	SALT	415.3		
		ANHY.	432.8		
		CARB.	0.		
	A-2 UNIT	SALT	486.0		
		ANHY	0.		
		CARB.	520.0		
	A-1 UNIT	EVAP.	532.0		
	GUELPH		0.		
	ERAMOSA		560.0		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	580.0		
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 583.0m			MOC:	6	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
532.0- 533.0		4792 KPA
537.0-	41626 M3/D	
566.0-	50971 M3/D	5792 KPA
583.0-	43042 M3/D	5826 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
17.0-			FRESH
132.0- 134.0	60.0		FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
346MM	71.4KG	20.1	CASING SHOE	
273MM	60.2KG	125.9	CASING SHOE	
219MM	35.7KG	329.1	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 583.0	GRNL	470.0- 583.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

D UNIT EQU 398.0 B UNIT EQU 421.5
COLUMBUS FACIES PRESENT IN LUCAS
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS 43042 M3/D
PRESSURE 5826 KPA
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: NFW FIELD/POOL: STATUS: SALT WATER -ABD

COUNTY: LAMBTON TOWNSHIP: DAWN LOT: 26 CON: XII

WELL NAME: DOW UNION DAWN 3-26-XII PERMIT NO.: 5187

OPERATOR: DOW CHEMICAL CO.

DRILLING CO.: NEWPORT, JAMES R. TOTAL DEPTH: 582.0M P.B.T.D.

GEOLOGY BY: PETROLEUM RESOURCE RIG TYPE: CAB ELEV. 202.0M+ 1.2M

CO-ORDINATES: 152.4M S; 411.5M W

LATITUDE: 42-42-49 N

LONGITUDE: 82-02-42 W SEQ: 1

CONFIDENTIAL: 1981 01 08

SPUDDED: 1979 12 04

COMPLETED: 1980 01 08

ABANDONED: 1980 01 15

SPL. TRAY No. 4110 INDEX No. 2291

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 14.0m					
LAKE / GROUND LEVEL				202.0	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	15.0		
		MARCELLUS	39.5		
	DETROIT RIVER	DUNDEE	108.3		
		LUCAS	134.0		
		AMHERSTBURG	205.5		
		BOIS BLANC	255.0		
		BASS ISLANDS	271.8		
SILURIAN		G UNIT SHALE	310.0		
		F UNIT SHALE	316.0		
		E UNIT CARB.	348.0		
		D UNIT SALT	0.		
		C UNIT SHALE	385.1		
		B UNIT MARKER	396.5		
		B UNIT SALT	409.0		
		B UNIT ANHY.	469.0		
		B UNIT CARB.	470.8		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	509.0		
		A-1 UNIT CARB.	512.5		
		A-1 UNIT EVAP.	0.		
	GUELPH		539.3		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	557.0		
		GASPORT	576.0		
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 582.0m MOC:

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
513.0m-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
136.0- 139.0	66.0		SULPHUR
543.0- 546.0	479.0		SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.2KG	15.2	CASING SHOE	15.2
219MM	35.7KG	115.2	CASING SHOE	15.2
178MM	34.2KG	323.2	CEMENTED	231.9

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 582.0	GRNL	470.0- 582.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

B UNIT EQU 378.5
COLUMBUS FACIES PRESENT IN LUCAS

FINAL RESULTS

OIL NIL
GAS SHOW
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

41

CLASS: NFW FIELD/POOL: STATUS: GAS AND OIL SHOW -ABD

COUNTY: LAMBTON TOWNSHIP: ENNISKILLEN LOT: 10 CON: VI

WELL NAME: CAMEL TALCORP ENNISKILLEN 6-10-VI PERMIT NO.: 5357

OPERATOR: CAMEL TELCORP

DRILLING CO.: RAWLINGS DRILLING TOTAL DEPTH: 573.0M P.B.T.D.

GEOLOGY BY: PETROLEUM RESOURCE RIG TYPE: CAB ELEV. 199.8M+ 1.2M

CO-ORDINATES: 510.0M N; 170.0M E

LATITUDE: 42-49-34 N

LONGITUDE: 82-10-07 W SEQ: 1

CONFIDENTIAL: 1981 06 17

SPUDDED: 1980 05 15

COMPLETED: 1980 06 17

ABANDONED: 1980 06 25

SPL. TRAY No. 2621 INDEX No. 2305

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 22.0m					
LAKE / GROUND LEVEL				199.8	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	23.0		
		MARCELLUS	44.8		
	DETROIT RIVER	DUNDEE	119.5		
		LUCAS	147.6		
		AMHERSTBURG	217.8		
		BOIS BLANC	252.0		
		BASS ISLANDS	296.3		
SILURIAN		G UNIT SHALE	339.9		
		F UNIT SHALE	345.7		
		E UNIT CARB.	378.3		
		D UNIT SALT	411.3		
		C UNIT SHALE	420.0		
		B UNIT MARKER	441.0		
		B UNIT SALT	453.0		
		B UNIT ANHY.	506.2		
		B UNIT CARB.	507.0		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	529.3		
		A-1 UNIT CARB.	533.9		
		A-1 UNIT EVAP.	0.		
	GUELPH		549.5		
	ERAMOSA				
	AMABEL	GOAT ISLAND	552.0		
		GASPORT	559.0		
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 573.0m MOC:

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
402.0-	16000 M3/D	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
532.0- 534.0	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
138.0-	40.0		SULPHUR
569.6-	100.0		SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	23.2	CASING SHOE	23.2
219MM	35.7KG	121.2	BOTTOM PAC	121.2
178MM	29.8KG	344.0	CEMENTED	277.2

LOGGING RECORD

LOGGING CO.: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
10.0- 574.5	GRNL	10.0- 574.5	DENL
10.0- 574.5	CALP	347.0- 571.0	LATL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

B UNIT EQU 0. D UNIT EQU 0.

FINAL RESULTS

OIL SHOW
GAS 1600 M3/D
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

41

CLASS: DEVEL FIELD/POOL: STATUS: OIL PRODUCER

COUNTY: LAMBTON TOWNSHIP: ENNISKILLEN LOT: 11 CON: XII

WELL NAME: BEAR CREEK #18 ENNISKILLEN 4-11-XII PERMIT NO.: 5510

OPERATOR: BEAR CREEK RES.

DRILLING CO.: STEVENSON C.

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 143.0M P.B.T.D.

RIG TYPE: CAB ELEV. 203.0M+ .9M

CO-ORDINATES: 999.1M S! 208.4M W

LATITUDE: 42-54-05 N

LONGITUDE: 82-09-23 W SEC: 1

CONFIDENTIAL: 1980 12 26

SPUDDED: 1980 11 15

COMPLETED: 1980 11 26

ABANDONED:

SPL. TRAY No: 6810 INDEX No: 2336

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT		27.0		
LAKE / GROUND LEVEL			203.0	
DRIFT / LAKE BOTTOM		.9		
DEVONIAN	PRT. LAMBTON			
	KETTLE POINT			
	HAMILTON	27.0		
	MARCELLUS	0.		
	DUNDEE	100.0		
	DETROIT RIVER LUCAS	120.0		
	AMHERSTBURG			
	BOIS BLANC			
	BASS ISLANDS			
SILURIAN	G UNIT SHALE			
	F UNIT SHALE			
	E UNIT CARB.			
	D UNIT SALT			
	C UNIT SHALE			
	B UNIT MARKER			
	B UNIT SALT			
	B UNIT ANHY.			
	A-2 UNIT CARB			
	A-2 UNIT SALT			
	A-2 UNIT ANHY.			
	A-1 UNIT CARB			
	A-1 UNIT EVAP.			
	GUELPH			
	ERAMOSA			
	AMABEL GOAT ISLAND			
	GASPORT			
	ROCHESTER			
	IRONDEQUOIT			
	REYNALES			
	THOROLD			
	CATARACT GRIMSBY			
	CABOT HEAD			
	MANITOULIN			
	WHIRLPOOL			
ORDOVICIAN	QUEENSTON			
	MEAFORD - DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	VERULAM			
	KIRKFIELD			
	BLACK RIVER COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES	143.0	MOC:	&	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
120.4- 123.4 132.6- 137.2	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
136.7- 140.8			SULPHUR
142.3- 143.3			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	25.3KG	32.0	CASING SHOE	
114MM	16.1KG	102.1	CEMENTED	
38MM	4.5KG	141.0	HANGING	

LOGGING RECORD

LOGGING CO.:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION	STORED	*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE YES

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: OIL PRODUCER

COUNTY: LAMBTON TOWNSHIP: ENNISKILLEN LOT: 11 CON: XII

WELL NAME: BEAR CREEK #8 ENNISKILLEN 1-11-XII PERMIT NO.: 5518

OPERATOR: BEAR CREEK RES.

DRILLING CO.: STEVENSON C.

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 123.4M P.B.T.D.

RIG TYPE: CAB ELEV. 204.2M+ .9M

CO-ORDINATES: 148.7M S! 208.4M W

LATITUDE: 42-54-20 N

LONGITUDE: 82-09-23 W SEC: 1

CONFIDENTIAL: 1980 12 06

SPUDDED: 1980 10 28

COMPLETED: 1980 11 06

ABANDONED:

SPL. TRAY No: 2217 INDEX No: 2315

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT		29.3		
LAKE / GROUND LEVEL			204.2	
DRIFT / LAKE BOTTOM		.9		
DEVONIAN	PRT. LAMBTON			
	KETTLE POINT	0.		
	HAMILTON	29.3		
	MARCELLUS	0.		
	DUNDEE	105.2		
	DETROIT RIVER LUCAS			
	AMHERSTBURG			
	BOIS BLANC			
	BASS ISLANDS			
SILURIAN	G UNIT SHALE			
	F UNIT SHALE			
	E UNIT CARB.			
	D UNIT SALT			
	C UNIT SHALE			
	B UNIT MARKER			
	B UNIT SALT			
	B UNIT ANHY.			
	A-2 UNIT CARB			
	A-2 UNIT SALT			
	A-2 UNIT ANHY.			
	A-1 UNIT CARB			
	A-1 UNIT EVAP.			
	GUELPH			
	ERAMOSA			
	AMABEL GOAT ISLAND			
	GASPORT			
	ROCHESTER			
	IRONDEQUOIT			
	REYNALES			
	THOROLD			
	CATARACT GRIMSBY			
	CABOT HEAD			
	MANITOULIN			
	WHIRLPOOL			
ORDOVICIAN	QUEENSTON			
	MEAFORD - DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	VERULAM			
	KIRKFIELD			
	BLACK RIVER COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES	123.4	MOC:	&	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
112.7- 114.3	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
6.0- 112.7- 114.3		SHOW	FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	25.3KG	29.3	CASING SHOE	
114MM	16.1KG	107.3	CEMENTED	
38MM	4.5KG	121.0	HANGING	

LOGGING RECORD

LOGGING CO.:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION	STORED	*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE YES

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS AND OIL SHOW -ABD

COUNTY: LAMBTON TOWNSHIP: ENNISKILLEN LOT: 22 CON.: II

WELL NAME: CAMEL TALCORP A ENNISKILLEN 4-22-II PERMIT NO.: 5398

OPERATOR: CAMEL TELCORP TOTAL DEPTH: 602.0M P.B.T.D.

DRILLING CO.: RAWLINGS DRILLING RIG TYPE: CAB ELEV.: 202.3M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 477.0M S: 268.2M W

LATITUDE: 42-46-42 N

LONGITUDE: 82-04-43 W SEC: 1

CONFIDENTIAL: 1980 10 08

SPUDDED: 1980 07 07

COMPLETED: 1980 09 08

ABANDONED: 1980 10 22

EPL TRAY No.: 4930 INDEX No.: 2310

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			21.0		
LAKE / GROUND LEVEL				202.3	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	20.0		
		MARCELLUS	50.0		
	DETROIT RIVER	DUNDEE	0.		
		LUCAS	150.0		
		AMHERSTBURG	195.0		
		BOIS BLANC	269.4		
		BASS ISLANDS	292.0		
SILURIAN		G UNIT SHALE	348.4		
		F UNIT SHALE	391.4		
		E UNIT CARB.	398.4		
		D UNIT SALT	429.0		
		C UNIT SHALE	0.		
		B UNIT MARKER	464.7		
		B UNIT SALT	477.0		
		B UNIT ANHY.	489.0		
		B UNIT CARB.	506.0		
		A-2 UNIT SALT	510.3		
		A-2 UNIT ANHY.	0.		
		A-1 UNIT CARB.	545.6		
		A-1 UNIT EVAP.	548.0		
	GUELPH		0.		
	ERAMOSA		585.5		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
	CATARACT	REYNALES			
		THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD - DUNDAS				
	TRENTON	COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			603.0	MOC:	T

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
545.0-		1448 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
587.0- 589.0		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
20.0-	10.0		FRESH
185.0-	60.0		SULPHUR
599.0-		SHOW	SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	21.3	CASING SHOE	21.3
219MM	35.7KG	161.3	CASING SHOE	161.3
178MM	29.8KG	401.0	CEMENTED	336.5

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 602.2	GRNL	500.0- 602.2	DENL

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

D UNIT EGU 0. D UNIT EGU 459.4
COLUMBUS FACIES PRESENT IN LUCAS

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE: 1448 KPA

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

11

CLASS: NFW FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: LAMBTON TOWNSHIP: ENNISKILLEN LOT: 26 CON.: III

WELL NAME: CAMEL TALCORP ENNISKILLEN 4-26-III PERMIT NO.: 5443

OPERATOR: CAMEL TELCORP TOTAL DEPTH: 617.0M P.B.T.D.

DRILLING CO.: RAWLINGS DRILLING RIG TYPE: CAB ELEV.: 203.5M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 457.2M S: 152.4M W

LATITUDE: 42-47-25 N

LONGITUDE: 82-03-30 W SEC: 1

CONFIDENTIAL: 1981 10 26

SPUDDED: 1980 09 29

COMPLETED: 1980 10 28

ABANDONED: 1980 10 31

EPL TRAY No.: 6448 INDEX No.: 2321

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			19.0		
LAKE / GROUND LEVEL				203.5	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	19.8		
		MARCELLUS	55.6		
	DETROIT RIVER	DUNDEE	0.		
		LUCAS	135.4		
		AMHERSTBURG	158.4		
		BOIS BLANC	230.3		
		BASS ISLANDS	260.0		
SILURIAN		G UNIT SHALE	297.9		
		F UNIT SHALE	340.6		
		E UNIT CARB.	348.3		
		D UNIT SALT	378.7		
		C UNIT SHALE	0.		
		B UNIT MARKER	417.2		
		B UNIT SALT	430.5		
		B UNIT ANHY.	439.2		
		A-2 UNIT CARB.	0.		
		A-2 UNIT SALT	507.2		
		A-2 UNIT ANHY.	548.3		
		A-1 UNIT CARB.	561.2		
		A-1 UNIT EVAP.	563.8		
	GUELPH		595.9		
	ERAMOSA		598.5		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	611.0		
		ROCHESTER			
		IRONDEQUOIT			
	CATARACT	REYNALES			
		THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD - DUNDAS				
	TRENTON	COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			615.0	MOC:	T

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
432.0- 435.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
16.0-	6.0		FRESH
172.0-	75.0		SULPHUR
610.0-	604.0		SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	20.0	CASING SHOE	20.8
219MM	35.7KG	136.8	CASING SHOE	136.8
178MM	29.8KG	351.0	CEMENTED	227.9

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
80.0- 617.0	GRNL		

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

D UNIT EGU 411.2 B UNIT EGU 435.9
POOR AGREEMENT BETWEEN LOG AND SAMPLES

FINAL RESULTS

OIL: NIL
GAS: SHOW
PRESSURE:

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

11

CLASS: NEW FIELD/POOL: STATUS: DRY

COUNTY: LAMBTON TOWNSHIP: ENNISKILLEN LOT: 31 CON: III

WELL NAME: CAMEL TALCORP ENNISKILLEN 4-31-III PERMIT NO.: 5520

OPERATOR: CAMEL OIL AND GAS LTD.

DRILLING CO.: RAWLINGS DRILLING LTD.

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 611.0M P.B.T.D.

RIG TYPE: CAB ELEV. 206.9M+ 1.2M

CO-ORDINATES: 638MS : 61M W

LATITUDE: 42 47 16 N

LONGITUDE: 82 00 29 W SEQ: 1

CONFIDENTIAL: 1981 12 23

SPUDDED: 1980 11 21

COMPLETED: 1980 12 23

ABANDONED: 1981 01 13

SPL. TRAY No. 6634 INDEX No. 2331

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 23 m					
LAKE / GROUND LEVEL				206.9	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	21.0		
		MARCELLUS	27.0		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	111.7		
		AMHERSTBURG	136.4		
		BOIS BLANC	215.8		
		BASS ISLANDS	270.4		
SILURIAN		G UNIT SHALE	293.2		
		F UNIT SHALE	340.1		
		E UNIT CARB.	346.5		
		D UNIT SALT	377.5		
		C UNIT SHALE	0.		
		ANHYDRITE	415.0		
		B UNIT SALT	427.0		
		ANHY.	435.9		
		CARB.	496.3		
		A-2 UNIT SALT	499.7		
		ANHY.	540.3		
		A-1 UNIT CARB.	549.0		
		EVAP.	550.5		
	GUELPH		582.3		
	ERAMOSA		584.8		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	601.0		
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 611 m MOC: 7

REMARKS

D UNIT EQU 410.6 B UNIT EQU 433.0

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
21.0 -			FRESH
160.0 -			SULPHUR
600.0 -			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
213MM	60.3KG	22.9	CASING SHOE	22.9
219MM	35.7KG	115.0	CASING SHOE	115.0
178MM	29.8	353.5	CEMENTED	261.2

LOGGING RECORD

LOGGING CO.: COMPUTALOG

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0 - 611.0	GRNL		

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	

FINAL RESULTS

OIL

GAS

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

TREATMENT:

D.S.T.(S) ON FILE

CLASS: DEVEL FIELD/POOL: STATUS: OIL PRODUCER

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 6 CON: III

WELL NAME: DOW HAM ET AL MOORE 7-6-III PERMIT NO.: 5469

OPERATOR: DOW CHEMICAL CO.

DRILLING CO.: SHAW

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 664.0M P.B.T.D.

RIG TYPE: CAB ELEV. 190.8M+ 1.2M

CO-ORDINATES: 46.0M N: 31.0M E

LATITUDE: 42-47-14 N

LONGITUDE: 82-16-30 W SEQ: 1

CONFIDENTIAL: 1980 12 11

SPUDDED: 1980 10 02

COMPLETED: 1980 11 11

ABANDONED:

SPL. TRAY No. 6430 INDEX No. 2317

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 30.0m					
LAKE / GROUND LEVEL				190.8	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	29.7		
		MARCELLUS	52.2		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	156.9		
		AMHERSTBURG	161.3		
		BOIS BLANC	240.0		
		BASS ISLANDS	275.7		
SILURIAN		G UNIT SHALE	306.3		
		F UNIT SHALE	353.3		
		E UNIT CARB.	360.0		
		D UNIT SALT	392.4		
		C UNIT SHALE	428.0		
		ANHYDRITE	437.7		
		B UNIT SALT	455.2		
		ANHY.	491.0		
		CARB.	537.6		
		A-2 UNIT SALT	541.3		
		ANHY.	581.0		
		A-1 UNIT CARB.	606.5		
		EVAP.	607.9		
	GUELPH		638.2		
	ERAMOSA		642.4		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	656.2		
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 665.0m MOC: 7

REMARKS

D UNIT EQU 426.3

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
643.0-	17195 M3/D	5640 KPA
647.0-	18328 M3/D	5654 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
648.0	SHOW	
649.0- 658.0	2.0 M3/D	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
30.0-	21.0		FRESH
142.0-	55.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	32.0	CASING SHOE	
219MM	35.7KG	134.9	CASING SHOE	
178MM	34.2KG	370.0	CEMENTED	249.2
114MM	14.1KG	663.1	CEMENTED	
60MM		653.0	HANGING	

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
112.0- 664.0	GRNL	597.5- 663.2	DENL

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

FINAL RESULTS

OIL 4.0 M3/D

GAS 18328 M3/D

PRESSURE 5654 KPA

PRODUCING INTVL (m) 648.5- 0.

656.0- 91.2

PERFORATED YES OPEN HOLE

FORMATION(S) GUELPH

TREATMENT:

D.S.T.(S) ON FILE

CLASS: NFW FIELD/POOL: STATUS: LOST HOLE -ABD

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 6 CON: III

WELL NAME: DOW ET AL MOORE 7-6-III

OPERATOR: DOW CHEMICAL CO.

DRILLING CO.: SHAW

GEOLOGY BY:

PERMIT NO.: 5469

TOTAL DEPTH: 279.0M P.B.T.D.

RIG TYPE: CAB ELEV. 190.8M+ 1.2M

CO-ORDINATES: 46.0M N: 30.5M E

LATITUDE: 42-17-13 N

LONGITUDE: 82-16-38 W SEQ: 1

CONFIDENTIAL: 1981 09 26

SPUDDED: 1980 09 16

COMPLETED: 1980 09 26

ABANDONED: 1980 10 02

SPL. TRAY No. INDEX No.

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT m			
LAKE / GROUND LEVEL		190.8	
DRIFT / LAKE BOTTOM			
DEVONIAN — PNT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON			
DEVONIAN — MARCELLUS			
DEVONIAN — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG			
DEVONIAN — BOIS BLANC			
SILURIAN — BASS ISLANDS			
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB.			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE			
SILURIAN — B UNIT MARKER			
SILURIAN — B UNIT SALT			
SILURIAN — B UNIT ANHY.			
SILURIAN — A-2 UNIT CARB.			
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY.			
SILURIAN — A-1 UNIT CARB.			
SILURIAN — A-1 UNIT EVAP.			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — REYNALES			
SILURIAN — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES m		MQC:	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.2KG	32.0	CASING SHOE	13.6
219MM	35.7KG	132.6	CASING SHOE	132.6

LOGGING RECORD

LOGGING CO.:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION	STORED	*ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED FORMATION(S) OPEN HOLE

D.S.T.(S) ON FILE TREATMENT

CLASS: NFW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 6 CON: III

WELL NAME: DOW MOORE 5-6-III

OPERATOR: DOW CHEMICAL CO.

DRILLING CO.: NEWPORT, JAMES R.

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5191

TOTAL DEPTH: 648.3M P.B.T.D.

RIG TYPE: CAB ELEV. 190.0M+ 1.1M

CO-ORDINATES: 765.0M S: 171.9M W

LATITUDE: 42-17-33 N

LONGITUDE: 82-16-43 W SEQ: 1

CONFIDENTIAL: 1981 03 27

SPUDDED: 1980 02 05

COMPLETED: 1980 03 27

ABANDONED:

SPL. TRAY No. 4135 INDEX No. 2299

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 31.0m			
LAKE / GROUND LEVEL		190.0	
DRIFT / LAKE BOTTOM	1.1		
DEVONIAN — PNT. LAMBTON			
DEVONIAN — KETTLE POINT	31.0		
DEVONIAN — HAMILTON	52.2		
DEVONIAN — MARCELLUS	0.		
DEVONIAN — DUNDEE	134.0		
DEVONIAN — DETROIT RIVER — LUCAS	164.2		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	239.0		
DEVONIAN — BOIS BLANC	290.0		
SILURIAN — BASS ISLANDS	313.5		
SILURIAN — G UNIT SHALE	359.0		
SILURIAN — F UNIT SHALE	367.0		
SILURIAN — E UNIT CARB.	393.5		
SILURIAN — D UNIT SALT	0.		
SILURIAN — C UNIT SHALE	440.5		
SILURIAN — B UNIT MARKER	452.0		
SILURIAN — B UNIT SALT	459.4		
SILURIAN — B UNIT ANHY.	0.		
SILURIAN — A-2 UNIT CARB.	535.0		
SILURIAN — A-2 UNIT SALT	570.0		
SILURIAN — A-2 UNIT ANHY.	0.		
SILURIAN — A-1 UNIT CARB.	595.7		
SILURIAN — A-1 UNIT EVAP.	0.		
SILURIAN — GUELPH	630.7		
SILURIAN — ERAMOSA	0.		
SILURIAN — GOAT ISLAND	646.5		
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — REYNALES			
SILURIAN — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 649.0m		MQC: 7	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I PRESSURE
30.8-	SHOW	
595.9-	SHOW	
630.0- 630.9	60 M3/D	
630.9- 637.0	155700 M3/D	
637.0- 647.0	186900 M3/D	6412 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
641.9- 643.1	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
175.9- 178.9	39.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.2KG	31.7	CASING SHOE	
219MM	35.7KG	132.9	CASING SHOE	132.9
178MM	29.8KG	371.8	CEMENTED	
140MM	20.8KG	630.6	CEMENTED	

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 648.2	GRNL	630.0- 648.2	DENL

CORING RECORD

CONDITION	STORED	*ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

6 UNIT EQU 0. D UNIT EQU 435.2
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL

GAS 186900 M3/D

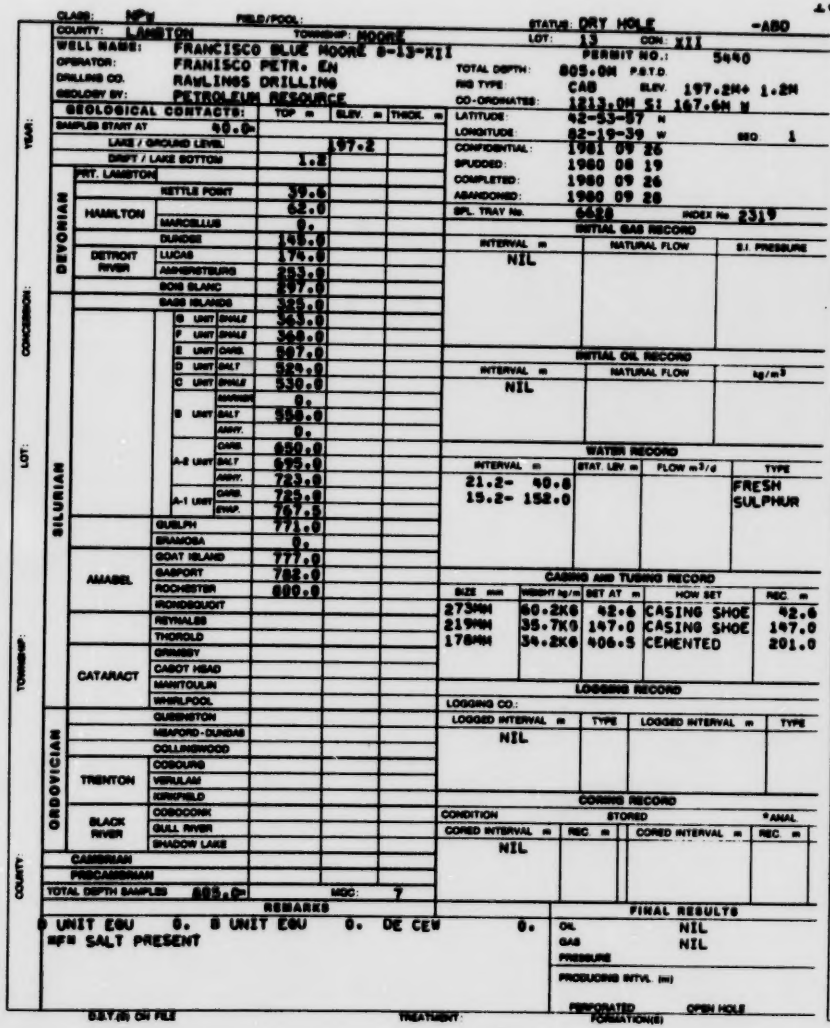
PRESSURE 6412 KPA

PRODUCING INTVL (m) 630.0- 647.0

PERFORATED FORMATION(S) GOAT ISLAND

OPEN HOLE A1 CARBONATE

D.S.T.(S) ON FILE TREATMENT



CLASS: NPW FIELD/POOL: STATUS: DRY HOLE -ABD
COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 13 CON: XII
WELL NAME: FRANCISCO BLUE MOORE 8-13-XII PERMIT NO.: 5446
OPERATOR: FRANISCO PETR. EN TOTAL DEPTH: 805.0M P.B.T.D.
DRILLING CO.: RAWLINGS DRILLING RIG TYPE: CAB ELEV. 197.2M+ 1.2M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 1213.0M S: 167.6M W
LATITUDE: 42-53-57 N
LONGITUDE: 82-19-39 W SEC 1
CONFIDENTIAL: 1981 09 26
SPUDDED: 1980 08 19
COMPLETED: 1980 09 26
ABANDONED: 1980 09 28
SPL. TRAY No. 6428 INDEX No 2319

GEOLOGICAL CONTACTS:

			TOP m	ELEV. m	THICK. m
SAMPLES START AT 40.0m					
LAKE / GROUND LEVEL				197.2	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	FRT. LAMBTON				
	HAMILTON	KETTLE POINT	39.6		
		MARCELLUS	62.0		
	DETROIT RIVER	DUNDEE	140.0		
		LUCAS	176.0		
		AMHERSTBURG	253.0		
		BOIS BLANC	297.0		
SILURIAN	BASS ISLANDS		325.0		
		G UNIT SHALE	343.0		
		F UNIT SHALE	349.0		
		E UNIT CARB.	367.0		
		D UNIT SALT	529.0		
		C UNIT SHALE	530.0		
		MARKER	0.		
		B UNIT SALT	558.0		
		ANHY.	0.		
		CARB.	650.0		
		A-2 UNIT SALT	695.0		
		ANHY.	723.0		
		CARB.	725.0		
		A-1 UNIT EVAP.	767.5		
	GUELPH		771.0		
	SRAMOSA		0.		
	AMABEL	GOAT ISLAND	777.0		
		GASPORT	782.0		
		ROCHESTER	800.0		
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 805.0m			MDC: 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
21.2- 40.8			FRESH
15.2- 152.0			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.2KG	42.6	CASING SHOE	42.6
219MM	35.7KG	147.0	CASING SHOE	147.0
178MM	34.2KG	406.5	CEMENTED	201.0

LOGGING RECORD

LOGGING CO.:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

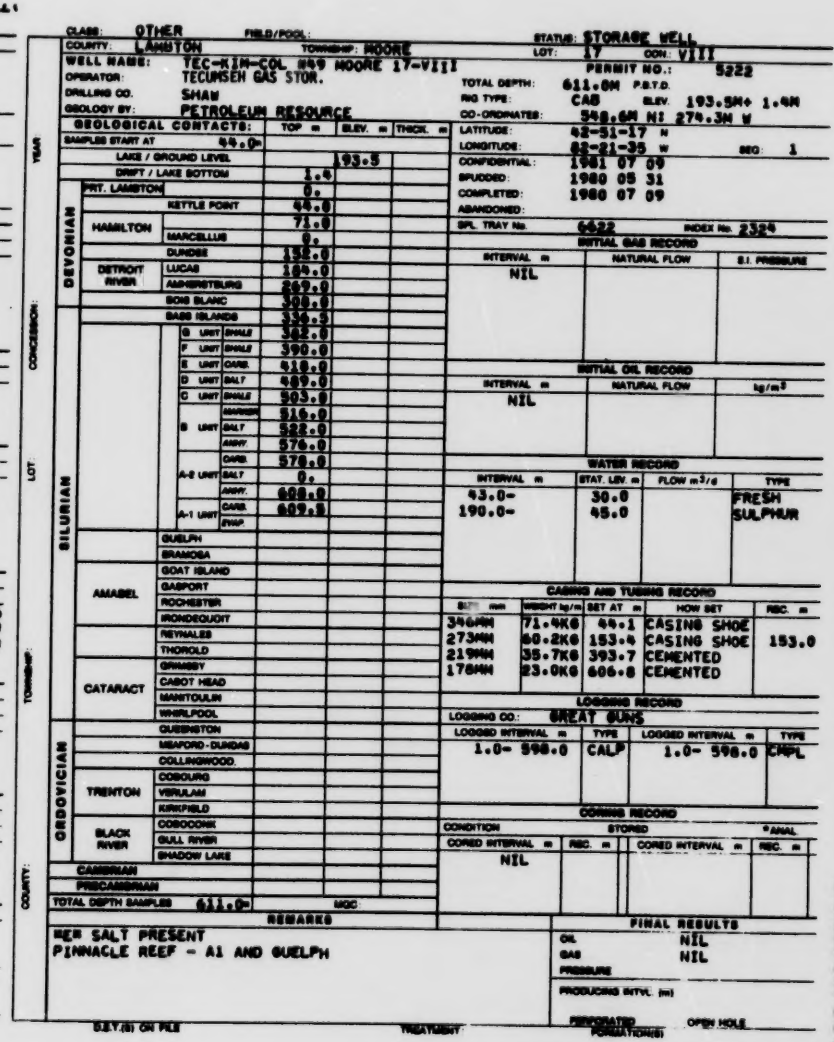
REMARKS

B UNIT EQU 0. B UNIT EQU 0. DE CEW 0.
NFW SALT PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT



CLASS: OTHER FIELD/POOL: STATUS: STORAGE WELL
COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 17 CON: VIII
WELL NAME: TEC-KIM-COL #49 MOORE 17-VIII PERMIT NO.: 5222
OPERATOR: TECUMSEH GAS STOR. TOTAL DEPTH: 611.0M P.B.T.D.
DRILLING CO.: SHAW RIG TYPE: CAB ELEV. 193.5M+ 1.4M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 548.6M N: 279.3M W
LATITUDE: 42-51-17 N
LONGITUDE: 82-21-35 W SEC 1
CONFIDENTIAL: 1981 07 09
SPUDDED: 1980 05 31
COMPLETED: 1980 07 09
ABANDONED:
SPL. TRAY No. 6422 INDEX No. 2324

GEOLOGICAL CONTACTS:

			TOP m	ELEV. m	THICK. m
SAMPLES START AT 44.0m					
LAKE / GROUND LEVEL				193.5	
DRIFT / LAKE BOTTOM			1.4		
DEVONIAN	FRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	44.0		
		MARCELLUS	71.0		
	DETROIT RIVER	DUNDEE	132.0		
		LUCAS	169.0		
		AMHERSTBURG	269.0		
		BOIS BLANC	308.0		
SILURIAN	BASS ISLANDS		336.0		
		G UNIT SHALE	362.0		
		F UNIT SHALE	390.0		
		E UNIT CARB.	410.0		
		D UNIT SALT	489.0		
		C UNIT SHALE	503.0		
		MARKER	516.0		
		B UNIT SALT	522.0		
		ANHY.	576.0		
		CARB.	578.0		
		A-2 UNIT SALT	0.		
		ANHY.	608.0		
		CARB.	609.5		
		A-1 UNIT EVAP.			
	GUELPH				
	SRAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 611.0m			MDC		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
43.0-	30.0		FRESH
190.0-	45.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
346MM	71.4KG	44.1	CASING SHOE	
273MM	60.2KG	153.4	CASING SHOE	153.0
219MM	35.7KG	393.7	CEMENTED	
178MM	23.0KG	606.8	CEMENTED	

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 598.0	CAL	1.0- 598.0	CNPL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

NFW SALT PRESENT
PINNACLE REEF - A1 AND GUELPH

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 18 CON: III

WELL NAME: DOW MOORE 6-18-III PERMIT NO.: 5413

OPERATOR: DOW CHEMICAL CO. TOTAL DEPTH: 724.0M P.B.T.D.

DRILLING CO: SHAW RIG TYPE: CAB ELEV. 189.0M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 488.0M NI 61.0M E

LATITUDE: 42-47-36 N

LONGITUDE: 82-22-22 W SEC 1

CONFIDENTIAL: 1981 09 05

SPUDDED: 1980 07 22

COMPLETED: 1980 09 05

ABANDONED: 1980 09 10

SPL. TRAY No. 6479 INDEX No. 2320

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 98.0m					
LAKE / GROUND LEVEL				189.0	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	87.5		
		MARCELLUS	133.2		
	DETROIT RIVER	DUNDEE	205.4		
		LUCAS	237.7		
		AMHERSTBURG	312.7		
		BOIS BLANC	360.3		
		BASS ISLANDS	385.0		
SILURIAN		G UNIT SHALE	415.3		
		F UNIT SHALE	421.8		
		E UNIT CARB.	450.0		
		D UNIT SALT			
		C UNIT SHALE	489.8		
		MARKER	506.8		
		B UNIT SALT	515.9		
		ANHY.			
		CARB.	600.2		
		A-2 UNIT SALT	645.6		
		ANHY.	671.3		
		CARB.	673.8		
		A-1 UNIT EVAP.	709.2		
	GUELPH		713.6		
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
	CATARACT	THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	TRENTON	COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 724.0m MOC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
52.0-	45.0		FRESH
241.0-	45.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	60.2K6	57.2	CASING SHOE	57.2
219MM	35.7K6	208.0	CASING SHOE	208.0
178MM	34.2K6	424.1	CEMENTED	280.5

LOGGING RECORD

LOGGING CO. GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 724.0	GRNL		

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC m
NIL			

REMARKS

COLUMBUS FACIES PRESENT IN LUCAS
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

11

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 19 CON: IV

WELL NAME: DOW MOORE 6-19-IV PERMIT NO.: 5238

OPERATOR: DOW CHEMICAL CO. TOTAL DEPTH: 737.5M P.B.T.D.

DRILLING CO NEWPORT, JAMES R. RIG TYPE: CAB ELEV. 189.0M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 545.0M NI 236.9M E

LATITUDE: 42-48-23 N

LONGITUDE: 82-22-40 W SEC 1

CONFIDENTIAL: 1980 06 27

SPUDDED: 1980 04 25

COMPLETED: 1980 05 27

ABANDONED: 1980 05 30

SPL. TRAY No. 4967 INDEX No. 2306

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 46.0m					
LAKE / GROUND LEVEL				189.0	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON		46.0		
	HAMILTON	KETTLE POINT	65.4		
		MARCELLUS	139.3		
	DETROIT RIVER	DUNDEE	217.5		
		LUCAS	248.5		
		AMHERSTBURG	329.6		
		BOIS BLANC	377.2		
		BASS ISLANDS	398.5		
SILURIAN		G UNIT SHALE	432.4		
		F UNIT SHALE	439.2		
		E UNIT CARB.	468.8		
		D UNIT SALT	0.		
		C UNIT SHALE	514.8		
		MARKER	524.6		
		B UNIT SALT	593.0		
		ANHY.	610.4		
		CARB.	611.8		
		A-2 UNIT SALT	654.8		
		ANHY.	675.9		
		CARB.	682.3		
		A-1 UNIT EVAP.	719.6		
	GUELPH		724.9		
	ERAMOSA				
	AMABEL	GOAT ISLAND	731.1		
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
	CATARACT	THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	TRENTON	COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 737.0m MOC:

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
251.0- 254.0	40.0		SULPHUR
688.5- 690.5	630.0		SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	60.2K6	46.9	CASING SHOE	46.9
219MM	35.7K6	217.5	CASING SHOE	217.5
178MM	34.2K6	434.0	CEMENTED	307.7

LOGGING RECORD

LOGGING CO. GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 736.5	GRNL	675.0- 736.5	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC m
NIL			

REMARKS

D UNIT EQU 506.6 B UNIT EQU 532.0
POOR AGREEMENT BETWEIN LOG AND SAMPLES
SPRINGVALE AT BASE OF BOIS BLANC
FREE SULPHUR IN LUCAS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

11

CLASS: OTHER FIELD/POOL: STATUS: STORAGE WELL

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 19 CON: VI

WELL NAME: TECUM KIM #48 MOORE 5-19-VI PERMIT NO.: 5221

OPERATOR: TECUMSEH GAS STOR. TOTAL DEPTH: 676.3M P.B.T.D.

DRILLING CO: SHAW RIG TYPE: CAB ELEV. 192.9M+ .4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 422.2M NI 45.7M W

LATITUDE: 42-49-46 N

LONGITUDE: 81-22-23 W SEQ 1

CONFIDENTIAL: 1981 05 24

SPUDDED: 1980 03 24

COMPLETED: 1980 05 24

ABANDONED:

SPL. TRAY No 4367 INDEX No 2307

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK m
SAMPLES START AT 91.0m					
LAKE / GROUND LEVEL				192.9	
DRIFT / LAKE BOTTOM			1.3		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	42.6		
			76.3		
		MARCELLUS	0.		
		DUNDEE	152.2		
	DETROIT RIVER	LUCAS	178.0		
		AMHERSTBURG	263.0		
		BOIS BLANC	301.7		
		BASS ISLANDS	336.0		
SILURIAN		G UNIT SHALE	377.0		
		F UNIT SHALE	384.3		
		E UNIT CARB.	415.9		
		D UNIT SALT	463.9		
		C UNIT SHALE	474.6		
		MARKER	485.9		
		B UNIT SALT	492.9		
		ANHY.	0.		
		CARB.	554.0		
	A-2 UNIT	SALT	0.		
		ANHY.	585.0		
	A-1 UNIT	CARB.	593.0		
		EVAP.	598.5		
	GUELPH		600.2		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	610.5		
		GASPORT	649.6		
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 672.0m MDC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
596.0-		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
40.0-	30.0		FRESH
191.0-	32.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
346MM	71.4KG	41.5	CASING SHOE	
273MM	60.2KG	154.1	CASING SHOE	
219MM	35.7KG	383.4	CEMENTED	
178MM	23.0KG	585.7	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 676.3	GRNL	586.1- 676.3	DENL

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

0 UNIT EQU 0. B UNIT EQU 0.
*E= SALT PRESENT
PINNACLE REEF - A1 AND GUELPH
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE 3275 KPA
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS AND OIL SHOW -ABD

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 20 CON: XII

WELL NAME: DOW MOORE 2-20-XII PERMIT NO.: 5346

OPERATOR: DOW CHEMICAL CO. TOTAL DEPTH: 801.0M P.B.T.D.

DRILLING CO: NEWPORT, JAMES R. RIG TYPE: CAB ELEV. 190.1M+ 1.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 295.0M S; 203.0M E

LATITUDE: 42-54-33 N

LONGITUDE: 82-22-46 W SEQ: 1

CONFIDENTIAL: 1980 08 04

SPUDDED: 1980 06 04

COMPLETED: 1980 07 04

ABANDONED: 1980 07 15

SPL. TRAY No. 7235 INDEX No. 2358

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK m
SAMPLES START AT 37.5m					
LAKE / GROUND LEVEL				190.1	
DRIFT / LAKE BOTTOM			1.4		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	37.9		
			64.0		
		MARCELLUS	0.		
		DUNDEE	150.5		
	DETROIT RIVER	LUCAS	183.0		
		AMHERSTBURG	271.5		
		BOIS BLANC	323.0		
		BASS ISLANDS	338.0		
SILURIAN		G UNIT SHALE	403.0		
		F UNIT SHALE	410.3		
		E UNIT CARB.	826.0		
		D UNIT SALT	852.2		
		C UNIT SHALE	863.0		
		MARKER	876.9		
		B UNIT SALT	883.9		
		ANHY.	665.5		
		CARB.	666.2		
	A-2 UNIT	SALT	713.0		
		ANHY.	739.5		
	A-1 UNIT	CARB.	741.2		
		EVAP.	779.0		
	GUELPH		781.6		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	792.9		
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 801.0m MDC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
36.0-	SHOW	
781.5-	SHOW	
786.5- 787.8	1368 M3/D	4750 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
789.4- 790.5		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
36.0-			FRESH
185.0-	41.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.2KG	37.9	CASING SHOE	37.9
219MM	35.7KG	153.2	CASING SHOE	
178MM	34.2KG	412.7	CEMENTED	264.8

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 801.0	GRNL	700.0- 801.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

0 UNIT EQU 0. B UNIT EQU 0.
*E= SALT PRESENT
*E= SALT PRESENT
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS 1295 M3/D
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: OTHER FIELD/POOL: STATUS: BRINE WELL

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 23 CON: XII

WELL NAME: DOW HC 51 A MOORE 23-XII PERMIT NO.: 5355

OPERATOR: DOW CHEMICAL CO. TOTAL DEPTH: 642.0M P.B.T.D.

DRILLING CO.: CORUNNA PETROLEUMS RIG TYPE: ROT ELEV. 189.9M+ 4.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 680.0M S; 76.0M E

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 3.0m			
LAKE / GROUND LEVEL		189.9	
DRIFT / LAKE BOTTOM	4.5		
DEVONIAN — PRT. LAMBTON	0.		
DEVONIAN — HAMILTON — KETTLE POINT	62.0		
DEVONIAN — HAMILTON — MARCELLUS	91.0		
DEVONIAN — DUNDEE	175.9		
DEVONIAN — DETROIT RIVER — LUCAS	213.0		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	252.0		
DEVONIAN — BOIS BLANC	348.5		
SILURIAN — BASS ISLANDS	361.0		
SILURIAN — G UNIT SHALE	425.0		
SILURIAN — F UNIT SHALE	431.0		
SILURIAN — E UNIT CARB.	489.0		
SILURIAN — D UNIT SALT	567.0		
SILURIAN — C UNIT SHALE	576.0		
SILURIAN — B UNIT MARKER	588.0		
SILURIAN — B UNIT SALT	594.0		
SILURIAN — B UNIT ANHY.			
SILURIAN — B UNIT CARB.			
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY.			
SILURIAN — A-1 UNIT CARB.			
SILURIAN — A-1 UNIT EVAP.			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — CATARACT — REYNALES			
SILURIAN — CATARACT — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 639.0m	MOC:		

LATITUDE: 42-54-19 N

LONGITUDE: 82-24-22 W SEQ: 1

CONFIDENTIAL: 1980 05 27

SPUDDED: 1980 05 17

COMPLETED: 1980 05 27

ABANDONED:

SPL. TRAY No. 3212 INDEX No. 2359

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
406MM	104.0KG	60.4	CEMENTED	
274MM	60.0KG	608.6	CEMENTED	
114MM	17.0KG	65.7	HANGING	

LOGGING RECORD

LOGGING CO:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

0 UNIT EQU 0.
NO LOGS
#E= SALT PRESENT
#F= SALT PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE YES
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS AND OIL SHOW

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 23 CON: XII

WELL NAME: DOW MOORE 5-23-XII PERMIT NO.: 5399

OPERATOR: NEWPORT, JAMES R. TOTAL DEPTH: 798.0M P.B.T.D.

DRILLING CO.: DOW CHEMICAL CO. RIG TYPE: CAB ELEV. 189.4M+ 1.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 37.0m			
LAKE / GROUND LEVEL		189.4	
DRIFT / LAKE BOTTOM	1.4		
DEVONIAN — PRT. LAMBTON	0.		
DEVONIAN — HAMILTON — KETTLE POINT	37.6		
DEVONIAN — HAMILTON — MARCELLUS	88.1		
DEVONIAN — DUNDEE	171.4		
DEVONIAN — DETROIT RIVER — LUCAS	203.2		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	286.2		
DEVONIAN — BOIS BLANC	333.6		
SILURIAN — BASS ISLANDS	352.9		
SILURIAN — G UNIT SHALE	415.9		
SILURIAN — F UNIT SHALE	422.4		
SILURIAN — E UNIT CARB.	479.3		
SILURIAN — D UNIT SALT	559.2		
SILURIAN — C UNIT SHALE	571.0		
SILURIAN — B UNIT MARKER	583.9		
SILURIAN — B UNIT SALT	589.2		
SILURIAN — B UNIT ANHY.			
SILURIAN — B UNIT CARB.	665.2		
SILURIAN — A-2 UNIT SALT	710.9		
SILURIAN — A-2 UNIT ANHY.	737.6		
SILURIAN — A-1 UNIT CARB.	739.9		
SILURIAN — A-1 UNIT EVAP.	766.2		
SILURIAN — GUELPH	770.1		
SILURIAN — ERAMOSA	0.		
SILURIAN — AMABEL — GOAT ISLAND	794.9		
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — CATARACT — REYNALES			
SILURIAN — CATARACT — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 798.0m	MOC:		

LATITUDE: 42-54-12 N

LONGITUDE: 82-24-08 W SEQ: 1

CONFIDENTIAL: 1981 09 10

SPUDDED: 1980 07 24

COMPLETED: 1980 09 10

ABANDONED:

SPL. TRAY No. 5830 INDEX No. 2311

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 798.0	GRNL		

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

0 UNIT EQU 554.5
#F= SALT PRESENT
#E= SALT PRESENT
FREE SULPHUR IN LUCAS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: OTHER FIELD/POOL: STATUS: BRINE WELL

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 24 CON: XI

WELL NAME: DOW #61 MOORE 24-XI
OPERATOR: DOW CHEMICAL CO.
DRILLING CO.: CORUNNA PETROLEUMS
GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5210
TOTAL DEPTH: 753.0M P.B.T.D.
RIG TYPE: ROT ELEV. 191.9M+ 5.5M
CO-ORDINATES: 113.2M S: 241.0M E
LATITUDE: 42-53-54 N
LONGITUDE: 82-24-42 W SEQ: 1
CONFIDENTIAL: 1981 07 17
SPUDDED: 1980 07 08
COMPLETED: 1980 07 17
ABANDONED:
SPL TRAY No. INDEX No.

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT m				
LAKE / GROUND LEVEL			191.9	
DRIFT / LAKE BOTTOM		5.5		
DEVONIAN	PRT. LAMBTON	0.		
	KETTLE POINT			
	HAMILTON	97.0		
	MARCELLUS	165.0		
	DUNDEE	183.0		
	DETROIT RIVER LUCAS	214.0		
	AMHERSTBURG	291.1		
	BOIS BLANC	349.0		
	BASS ISLANDS	363.0		
SILURIAN	G UNIT SHALE	410.5		
	F UNIT SHALE	425.0		
	E UNIT CARB.	477.5		
	D UNIT SALT	552.6		
	C UNIT SHALE	564.5		
	B UNIT MARKER	577.0		
	B UNIT SALT	584.1		
	B UNIT ANHY.			
	A-2 UNIT CARB.	679.2		
	A-2 UNIT SALT	718.6		
	A-2 UNIT ANHY.			
	A-1 UNIT CARB.			
	A-1 UNIT EVAP.			
	GUELPH			
	ERAMOSA			
	AMABEL GOAT ISLAND			
	AMABEL GASPORT			
	AMABEL ROCHESTER			
	IRONDEQUOIT			
	REYNALES			
	THOROLD			
	CATARACT GRIMSBY			
	CATARACT CABOT HEAD			
	CATARACT MANITOULIN			
	WHIRLPOOL			
ORDOVICIAN	QUEENSTON			
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	TRENTON VERULAM			
	TRENTON KIRKFIELD			
	BLACK RIVER COBOCONK			
	BLACK RIVER GULL RIVER			
	BLACK RIVER SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES m		MOC:	%	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	90.8KG	59.7	CEMENTED	
245MM	53.6KG	59.8		
178MM	29.8KG	740.5	HANGING	
114MM	14.2KG	749.0	HANGING	

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 752.9	GRNL	25.0- 753.0	CALP
1.0- 752.9	DENL		

CORING RECORD

CONDITION	STORED		*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

@ UNIT EQU 550.4
NO SAMPLES
#F= SALT PRESENT
#E= SALT PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE

D.S.T.(S) ON FILE TREATMENT: FORMATION(S)

CLASS: OTHER FIELD/POOL: STATUS: BRINE WELL

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 26 CON: XI

WELL NAME: DOW #62 MOORE 24-XI
OPERATOR: DOW CHEMICAL CO.
DRILLING CO.: CORUNNA PETROLEUMS
GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5211
TOTAL DEPTH: 752.0M P.B.T.D.
RIG TYPE: ROT ELEV. 192.2M+ 3.5M
CO-ORDINATES: 113.2M S: 165.7M E
LATITUDE: 42-53-54 N
LONGITUDE: 82-24-45 W SEQ: 1
CONFIDENTIAL: 1981 07 06
SPUDDED: 1980 06 20
COMPLETED: 1980 07 06
ABANDONED:
SPL TRAY No. 7239 INDEX No. 2361

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 66.0m				
LAKE / GROUND LEVEL			192.2	
DRIFT / LAKE BOTTOM		3.5		
DEVONIAN	PRT. LAMBTON	0.		
	KETTLE POINT			
	HAMILTON	99.0		
	MARCELLUS			
	DUNDEE	183.0		
	DETROIT RIVER LUCAS	222.0		
	AMHERSTBURG	290.0		
	BOIS BLANC	344.0		
	BASS ISLANDS	359.0		
SILURIAN	G UNIT SHALE	398.0		
	F UNIT SHALE	416.0		
	E UNIT CARB.	525.0		
	D UNIT SALT	555.0		
	C UNIT SHALE	567.0		
	B UNIT MARKER	579.0		
	B UNIT SALT	594.5		
	B UNIT ANHY.	672.0		
	A-2 UNIT CARB.	678.0		
	A-2 UNIT SALT	722.0		
	A-2 UNIT ANHY.			
	A-1 UNIT CARB.			
	A-1 UNIT EVAP.			
	GUELPH			
	ERAMOSA			
	AMABEL GOAT ISLAND			
	AMABEL GASPORT			
	AMABEL ROCHESTER			
	IRONDEQUOIT			
	REYNALES			
	THOROLD			
	CATARACT GRIMSBY			
	CATARACT CABOT HEAD			
	CATARACT MANITOULIN			
	WHIRLPOOL			
ORDOVICIAN	QUEENSTON			
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	TRENTON VERULAM			
	TRENTON KIRKFIELD			
	BLACK RIVER COBOCONK			
	BLACK RIVER GULL RIVER			
	BLACK RIVER SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 752.0m		MOC:	%	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	90.8KG	62.5	CEMENTED	
245MM	53.6KG	597.5	CEMENTED	
178MM	29.8KG	739.7	HANGING	
114MM	14.2KG	745.5	HANGING	

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 752.0	CALP	500.0- 752.0	GRNL

CORING RECORD

CONDITION	STORED		*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

@ UNIT EQU 585.0
#F= SALT PRESENT
NO LOGS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE

D.S.T.(S) ON FILE TREATMENT: FORMATION(S)

131

LAMBTON COUNTY

CLASS: OTHER FIELD/POOL: STATUS: BRINE WELL

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 24 CON: XI

WELL NAME: DOW #63 MOORE 24-XI PERMIT NO.: 5213

OPERATOR: DOW CHEMICAL CO.

DRILLING CO.: CORUNNA PETROLEUMS

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 748.0M P.B.T.D.

RIG TYPE: ROT ELEV. 192.0M+ 3.5M

CO-ORDINATES: 220.3M S; 428.5M E

LATITUDE: 42-53-50 N

LONGITUDE: 82-24-34 W SEQ 1

CONFIDENTIAL: 1981 07 30

SPUDDED: 1980 06 04

COMPLETED: 1980 07 30

ABANDONED:

SPL. TRAY No. 7237 INDEX No. 2360

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 50.0m			
LAKE / GROUND LEVEL		192.0	
DRIFT / LAKE BOTTOM	3.5		
DEVONIAN — PRT. LAMBTON	0.		
DEVONIAN — HAMILTON — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS	95.0		
DEVONIAN — DETROIT RIVER — DUNDEE	179.0		
DEVONIAN — DETROIT RIVER — LUCAS	211.0		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	289.0		
DEVONIAN — BOIS BLANC	346.0		
DEVONIAN — BASS ISLANDS	358.0		
SILURIAN — G UNIT SHALE	414.1		
SILURIAN — F UNIT SHALE	421.0		
SILURIAN — E UNIT CARB	494.0		
SILURIAN — D UNIT SALT	549.2		
SILURIAN — C UNIT SHALE	561.9		
SILURIAN — B UNIT MARKER	573.8		
SILURIAN — B UNIT SALT	580.5		
SILURIAN — B UNIT ANHY.			
SILURIAN — A-2 UNIT CARB	671.1		
SILURIAN — A-2 UNIT SALT	715.8		
SILURIAN — A-2 UNIT ANHY.			
SILURIAN — A-1 UNIT CARB			
SILURIAN — A-1 UNIT EVAP			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — CATARACT — REYNALES			
SILURIAN — CATARACT — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 735.0m	MQC: 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
340MM	90.1KG	63.0	CEMENTED	
244MM	54.0KG	583.0	CEMENTED	
178MM	30.0KG	746.0	HANGING	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 748.5	GRNL	50.0- 748.5	CALP

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

"F" = SALT PRESENT
"E" = SALT PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED FORMATION(S)
OPEN HOLE YES

D.S.T.(S) ON FILE TREATMENT

1C

CLASS: OTHER FIELD/POOL: STATUS: BRINE WELL

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 24 CON: XI

WELL NAME: DOW #64 MOORE 24-XI PERMIT NO.: 5214

OPERATOR: DOW CHEMICAL CO.

DRILLING CO.: CORUNNA PETROLEUMS

GEOLOGY BY:

TOTAL DEPTH: 750.0M P.B.T.D.

RIG TYPE: ROT ELEV. 191.9M+ 5.5M

CO-ORDINATES: 220.3M S; 352.3M E

LATITUDE: 42-53-50 N

LONGITUDE: 82-24-37 W SEQ 1

CONFIDENTIAL: 1981 06 18

SPUDDED: 1980 06 07

COMPLETED: 1980 06 18

ABANDONED:

SPL. TRAY No. INDEX No.

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT m			
LAKE / GROUND LEVEL		191.9	
DRIFT / LAKE BOTTOM	5.5		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — HAMILTON — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS			
DEVONIAN — DETROIT RIVER — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG			
DEVONIAN — BOIS BLANC			
DEVONIAN — BASS ISLANDS			
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE			
SILURIAN — B UNIT MARKER			
SILURIAN — B UNIT SALT			
SILURIAN — B UNIT ANHY.			
SILURIAN — A-2 UNIT CARB			
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY.			
SILURIAN — A-1 UNIT CARB			
SILURIAN — A-1 UNIT EVAP			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — CATARACT — REYNALES			
SILURIAN — CATARACT — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES m	MQC:		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
340MM	90.7KG	61.0	CEMENTED	
244MM	53.6KG	592.0	CEMENTED	
178MM	29.8KG	748.0	HANGING	

LOGGING RECORD

LOGGING CO:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

NO SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED FORMATION(S)
OPEN HOLE YES

D.S.T.(S) ON FILE TREATMENT

CLASS: OTHER FIELD/POOL: STATUS: PETR PROD STORAGE

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 24 CON: XII

WELL NAME: DOW HC #49A MOORE 24-XII PERMIT NO.: 5537

OPERATOR: DOW CHEMICAL CO. TOTAL DEPTH: 666M P.B.T.D.

DRILLING CO.: CORUNNA PETROLEUMS RIG TYPE: ROT ELEV: 189.9M+ 3.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 407.8M S: 461.4M E

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 256 m					
LAKE / GROUND LEVEL				189.9	
DRIFT / LAKE BOTTOM			3.4		
DEVONIAN	PRT. LAMBTON		0		
	HAMILTON	KETTLE POINT	60.0		
		MARCELLUS			
	DETROIT RIVER	DUNDEE	171.7		
		LUCAS	214.0		
		AMHERSTBURG	274.0		
		BOIS BLANC	345.0		
SILURIAN		BASS ISLANDS	360.0		
		G UNIT SHALE	416.0		
		F UNIT SHALE	424.0		
		E UNIT CARB	537.0		
		D UNIT SALT	561.0		
		C UNIT SHALE			
		B UNIT MARKER			
		B UNIT SALT			
		B UNIT ANHY			
		A-2 UNIT CARB			
		A-2 UNIT SALT			
		A-1 UNIT ANHY			
		A-1 UNIT CARB			
		A-1 UNIT EVAP			
	GUELPH				
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 613 m MOC: 4

LATITUDE 42 54 28 N

LONGITUDE 82 24 31 W SEQ 1

CONFIDENTIAL: 1981 12 23

SPUDDED: 1980 12 11

COMPLETED: 1980 12 23

ABANDONED:

SPL TRAY No 7215 INDEX No 2355

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
406MM	104KG	64.0	CEMENTED	
274MM	60KG	614.0	CEMENTED	
114MM	17KG		HANGING	

LOGGING RECORD

LOGGING CO.

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m

REMARKS

"F" SALT PRESENT
NO LOGS
CRITICAL MISSING SAMPLES

FINAL RESULTS

OIL
GAS
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE YES
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: LAMBTON TOWNSHIP: MOORE LOT: 27 CON: II

WELL NAME: R.D. COMPANY #1 MOORE 2-27-II PERMIT NO.: 5207

OPERATOR: RAWLINGS DRILLING TOTAL DEPTH: 756.5M P.B.T.D.

DRILLING CO.: RAWLINGS DRILLING RIG TYPE: CAB ELEV. 188.9M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 167.6M S: 167.6M E

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 49.0 m					
LAKE / GROUND LEVEL				188.9	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON		48.7		
	HAMILTON	KETTLE POINT	69.8		
		MARCELLUS	141.0		
	DETROIT RIVER	DUNDEE	217.0		
		LUCAS	245.0		
		AMHERSTBURG	319.0		
		BOIS BLANC	366.0		
SILURIAN		BASS ISLANDS	390.3		
		G UNIT SHALE	425.0		
		F UNIT SHALE	433.0		
		E UNIT CARB	456.0		
		D UNIT SALT	503.0		
		C UNIT SHALE	511.5		
		B UNIT MARKER	533.5		
		B UNIT SALT	539.0		
		B UNIT ANHY	631.0		
		A-2 UNIT CARB	632.0		
		A-2 UNIT SALT	680.0		
		A-1 UNIT ANHY	706.0		
		A-1 UNIT CARB	706.5		
		A-1 UNIT EVAP	742.0		
	GUELPH		746.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 756.5m MOC: 4

LATITUDE 42-47-19 N

LONGITUDE 82-26-18 W SEQ 1

CONFIDENTIAL: 1980 05 02

SPUDDED: 1980 02 25

COMPLETED: 1980 04 02

ABANDONED: 1980 04 18

SPL TRAY No. 4136 INDEX No 2301

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
42.6-246.8-	53.3		FRESH SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
213MM	60.2KG	51.8	CASING SHOE	51.8
219MM	35.7KG	219.5	CASING SHOE	210.6
178MM	34.2KG	443.2	CEMENTED	399.4

LOGGING RECORD

LOGGING CO.

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

D UNIT EQU 0. B UNIT EQU 0.

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: SALT WATER -ABD

COUNTY: LAMBTON TOWNSHIP: PLYMPTON LOT: 11 CON: VIII

WELL NAME: SHELL PLYMPTON 5-11-VIII

OPERATOR: SHELL CANADA LTD.

DRILLING CO: SHAW

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5476

TOTAL DEPTH: 805.0M P.B.T.D

RIG TYPE: CAB ELEV: 201.6M+ 1.2M

CO-ORDINATES: 518.5M N: 117.1M W

LATITUDE: 43-01-18 N

LONGITUDE: 82-08-57 W SEQ: 1

CONFIDENTIAL: 1981 11 18

SPUDDED: 1980 10 01

COMPLETED: 1980 11 18

ABANDONED: 1980 11 21

SPL. TRAY No. 6524 INDEX No. 2310

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 30.0m					
LAKE / GROUND LEVEL				201.6	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	91.8		
		DUNDEE	147.0		
	DETROIT RIVER	LUCAS	170.0		
		AMHERSTBURG	271.0		
		BOIS BLANC	309.0		
		BASS ISLANDS	337.5		
SILURIAN		G UNIT SHALE	394.0		
		F UNIT SHALE	401.7		
		E UNIT CARB.	442.6		
		D UNIT SALT	517.0		
		C UNIT SHALE	524.0		
		B UNIT MARKER	536.5		
		B UNIT SALT	545.4		
		B UNIT ANHY.	0.		
		A-2 UNIT CARB.	611.0		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	638.7		
		A-1 UNIT CARB.	647.4		
		A-1 UNIT EVAP.	652.8		
		GUELPH	654.4		
		ERAMOSA			
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 805.0m MGC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
29.0-			FRESH
122.0- 180.0			SULPHUR
757.0-			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
346MM	71.4KG	32.0	CASING SHOE	32.0
273MM	60.2KG	150.4	CASING SHOE	150.4
219MM	35.7KG	405.6	CEMENTED	301.6

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
40.0- 803.0	DENL	415.0- 799.5	LATL

CORING RECORD

CONDITION	STORED		*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

0 UNIT EQU 0. B UNIT EQU 0.

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: LAMBTON TOWNSHIP: PLYMPTON LOT: 14 CON: VII

WELL NAME: SHELL PLYMPTON 2-14-VII

OPERATOR: SHELL CANADA LTD.

DRILLING CO: SHAW

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5203

TOTAL DEPTH: 808.0M P.B.T.D

RIG TYPE: CAB ELEV: 203.4M+ 1.2M

CO-ORDINATES: 112.6M S: 190.1M E

LATITUDE: 43-00-57 N

LONGITUDE: 82-07-48 W SEQ: 1

CONFIDENTIAL: 1981 03 31

SPUDDED: 1980 02 13

COMPLETED: 1980 03 31

ABANDONED: 1980 04 10

SPL. TRAY No. 4119 INDEX No. 2293

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 28.0m					
LAKE / GROUND LEVEL				203.4	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	29.5		
		MARCELLUS	50.4		
		DUNDEE	144.0		
	DETROIT RIVER	LUCAS	177.0		
		AMHERSTBURG	264.0		
		BOIS BLANC	308.0		
		BASS ISLANDS	330.6		
SILURIAN		G UNIT SHALE	388.0		
		F UNIT SHALE	395.0		
		E UNIT CARB.	487.5		
		D UNIT SALT	509.7		
		C UNIT SHALE	522.8		
		B UNIT MARKER	539.0		
		B UNIT SALT	540.4		
		B UNIT ANHY.	0.		
		A-2 UNIT CARB.	611.0		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	640.0		
		A-1 UNIT CARB.	642.9		
		A-1 UNIT EVAP.			
		GUELPH	656.8		
		ERAMOSA	0.		
	AMABEL	GOAT ISLAND	755.7		
		GASPORT	778.8		
		ROCHESTER	790.0		
		IRONDEQUOIT	0.		
		REYNALES	798.5		
		THOROLD	0.		
	CATARACT	GRIMSBY	0.		
		CABOT HEAD	800.5		
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 807.0m MGC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
741.0- 746.0	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
25.0-	15.0		FRESH
178.0-	76.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
346MM	71.4KG	28.4	CASING SHOE	
273MM	60.2KG	144.7	CASING SHOE	144.7
219MM	35.7KG	400.8	CEMENTED	284.3

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
40.0- 808.0	SONL	360.0- 808.0	BRNL
403.0- 808.0	LATL		

CORING RECORD

CONDITION	STORED		*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

0 UNIT EQU 0. B UNIT EQU 0. DE CEW 0.

FOSSIL HIL 0. DYER BAY 0.

WF= SALT PRESENT

PINNACLE REEF - A1 AND GUELPH

SOME PICKS INTERPRETIVE! NO LOGS OR SAMPLES

FINAL RESULTS

OIL SHOW

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: NFW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: LAMBTON TOWNSHIP: PLYMPTON LOT: 14 CON: X

WELL NAME: SHELL PLYMPTON 2-14-X PERMIT NO.: 5189

OPERATOR: SHELL CANADA LTD. TOTAL DEPTH: 825.0M P.B.T.D.

DRILLING CO.: SHAW RIG TYPE: CAB ELEV. 200.0M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 820.0M S; 270.0M E

LATITUDE: 43-03-04 N

LONGITUDE: 82-07-46 W SEQ: 1

CONFIDENTIAL: 1981 02 06

SPUDDED: 1979 12 06

COMPLETED: 1980 02 06

ABANDONED: 1980 02 13

SPL. TRAY No.: 4128 INDEX No. 2297

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 29.0m					
LAKE / GROUND LEVEL				200.0	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON		13.4		
	HAMILTON	KETTLE POINT	30.0		
		MARCELLUS	47.8		
		DUNDEE	146.7		
	DETROIT RIVER	LUCAS	179.3		
		AMHERSTBURG	265.9		
		BOIS BLANC	311.8		
		BASS ISLANDS	348.9		
SILURIAN		G UNIT SHALE	390.0		
		F UNIT SHALE	404.9		
		E UNIT CARB.	495.7		
		D UNIT SALT	521.9		
		C UNIT SHALE	531.6		
		MANNERS	544.0		
		B UNIT SALT	559.9		
		ANHY.	0.		
		CARB	621.8		
	A-2 UNIT	SALT	0.		
		ANHY	656.9		
		CARB			
	A-1 UNIT	EVAP.	0.		
	GUELPH		663.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	789.8		
		GASPORT	796.5		
		ROCHESTER	807.8		
		IRONDEQUOIT	0.		
		REYNALES	815.9		
		THOROLD	0.		
	CATARACT	GRIMSBY	0.		
		CABOT HEAD	817.9		
		MANITOULIN			
		WHIRLPOOL	0.		
ORDOVICIAN	QUEENSTON		820.2		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 827.0m MDC:

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
29.0-	19.0		FRESH
184.0-	75.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
346MM	71.4KG	32.1	CASING SHOE	2.8
273MM	60.2KG	147.1	CASING SHOE	147.1
219MM	35.7KG	407.1	CEMENTED	289.5

LOGGING RECORD

LOGGING CO.: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
10.0- 825.0	GRNL	10.0- 825.0	DENL
414.0- 824.0	LATL	10.0- 825.0	CALP

CORING RECORD

CONDITION	STORED		*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

REMARKS

@ UNIT EQU 0. B UNIT EQU 0. DE CEW 0.

FOSSIL HIL 0. DYER BAY 0.

*F= SALT PRESENT

SOME PICKS INTERPRETIVE. NO LOGS OR SAMPLES

D.S.T.(s) ON FILE TREATMENT

CLASS: NFW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: LAMBTON TOWNSHIP: PLYMPTON LOT: 17 CON: I

WELL NAME: DOW PLYMPTON 1-17-I PERMIT NO.: 5385

OPERATOR: DOW CHEMICAL CO. TOTAL DEPTH: 723.0M P.B.T.D.

DRILLING CO.: SHAW RIG TYPE: CAB ELEV. 213.0M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 76.2M S; 76.2M W

LATITUDE: 42-56-31 N

LONGITUDE: 80-17-15 W SEQ: 1

CONFIDENTIAL: 1981 07 03

SPUDDED: 1980 05 31

COMPLETED: 1980 07 03

ABANDONED: 1980 07 07

SPL. TRAY No.: 6357 INDEX No. 2311

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 28.0m					
LAKE / GROUND LEVEL				213.0	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON		9.		
	HAMILTON	KETTLE POINT	28.6		
		MARCELLUS	46.3		
		DUNDEE	132.9		
	DETROIT RIVER	LUCAS	160.5		
		AMHERSTBURG	245.5		
		BOIS BLANC	277.5		
		BASS ISLANDS	314.4		
SILURIAN		G UNIT SHALE	363.2		
		F UNIT SHALE	370.0		
		E UNIT CARB.	405.5		
		D UNIT SALT	476.6		
		C UNIT SHALE	493.8		
		MANNERS	513.3		
		B UNIT SALT	520.5		
		ANHY.	0.		
		CARB	598.5		
	A-2 UNIT	SALT	640.9		
		ANHY.	668.8		
		CARB	670.5		
	A-1 UNIT	EVAP.	709.6		
	GUELPH		713.2		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	720.2		
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 723.0m MDC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
28.0-	9.0		FRESH
165.0-	80.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.2KG	31.1	CASING SHOE	31.1
219MM	35.7KG	132.9	CASING SHOE	132.9
178MM	34.2KG	373.4	CEMENTED	239.0

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 723.0	GRNL		

CORING RECORD

CONDITION	STORED		*ANAL.
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

REMARKS

@ UNIT EQU 476.6

*F= SALT PRESENT

D.S.T.(s) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: LAMBTON TOWNSHIP: PLYMPTON LOT: 19 CON: VI

WELL NAME: BLUEWATERTRUE PLYMPTON 8-19-VI PERMIT NO.: 5350

OPERATOR: BLUEWATER GAS &OIL TOTAL DEPTH: 776.0M P.B.T.D.

DRILLING CO: RAWLINGS DRILLING RIG TYPE: CAB ELEV: 212.8M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 1075.0M S: 129.0M W

LATITUDE: 42-59-28 N

LONGITUDE: 82-05-22 W SEQ: 1

CONFIDENTIAL: 1980 07 06

SPUDDED: 1980 04 29

COMPLETED: 1980 06 06

ABANDONED: 1980 06 13

BPL TRAY No: 6355 INDEX No: 2312

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 30.0m					
LAKE / GROUND LEVEL				212.8	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT	30.0		
	HAMILTON		48.4		
		MARCELLUS	137.0		
		DUNDEE	140.0		
	DETROIT RIVER	LUCAS	169.4		
		AMHERSTBURG	256.0		
		BOIS BLANC	308.1		
		BASS ISLANDS	325.3		
SILURIAN		G UNIT SHALE	376.9		
		F UNIT SHALE	383.3		
		E UNIT CARB	406.4		
		D UNIT SALT	489.8		
		C UNIT SHALE	499.0		
		B UNIT MARKER	517.6		
		B UNIT SALT	526.8		
		B UNIT ANHY	607.0		
		A-2 UNIT CARB	607.8		
		A-2 UNIT SALT	656.5		
		A-2 UNIT ANHY	676.5		
		A-1 UNIT CARB	679.0		
		A-1 UNIT EVAP.	726.7		
	GUELPH		731.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	740.7		
		GASPORT	757.6		
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 776.0m MOC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
176.0-	76.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	30.8	CASING SHOE	30.8
219MM	35.7KG	140.6	CASING SHOE	140.6
178MM	29.8KG	395.9	CEMENTED	299.2

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 779.3	GRNL	600.0- 799.3	DENL

CORING RECORD

CONDITION: STORED: *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

B UNIT EQU 0. B UNIT EQU 0.
*F= SALT PRESENT
*E= SALT PRESENT

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED: OPEN HOLE
FORMATION(S):

D.S.T.(s) ON FILE: TREATMENT:

41

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: LAMBTON TOWNSHIP: PLYMPTON LOT: 20 CON: VI

WELL NAME: BLUE TRUE MILT PLYMPTON 6-20-VI PERMIT NO.: 5519

OPERATOR: BLUEWATER GAS &OIL TOTAL DEPTH: 773.0M P.B.T.D.

DRILLING CO: BABCOCK-H.B. & J.C RIG TYPE: CAB ELEV: 213.6M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 756.6M S: 195.0M E

LATITUDE: 42-59-48 N

LONGITUDE: 82-05-06 W SEQ: 1

CONFIDENTIAL: 1981 01 19

SPUDDED: 1980 11 10

COMPLETED: 1980 12 19

ABANDONED: 1980 12 22

BPL TRAY No: 7077 INDEX No: 2330

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 29.0m					
LAKE / GROUND LEVEL				213.6	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT	30.0		
	HAMILTON		47.6		
		MARCELLUS	0.		
		DUNDEE	138.7		
	DETROIT RIVER	LUCAS	164.6		
		AMHERSTBURG	250.0		
		BOIS BLANC	314.6		
		BASS ISLANDS	332.8		
SILURIAN		G UNIT SHALE	377.9		
		F UNIT SHALE	384.4		
		E UNIT CARB	404.5		
		D UNIT SALT	486.8		
		C UNIT SHALE	497.8		
		B UNIT MARKER	513.0		
		B UNIT SALT	521.2		
		B UNIT ANHY	603.3		
		A-2 UNIT CARB	604.0		
		A-2 UNIT SALT	648.3		
		A-2 UNIT ANHY	657.8		
		A-1 UNIT CARB	659.9		
		A-1 UNIT EVAP.	0.		
	GUELPH		679.2		
	ERAMOSA		696.9		
	AMABEL	GOAT ISLAND	751.0		
		GASPORT	758.2		
		ROCHESTER	765.8		
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 777.0m MOC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
28.0- 29.0			FRESH
175.0-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	30.5	CASING SHOE	30.5
219MM	35.7KG	139.9	CASING SHOE	139.9
178MM	29.8KG	388.2	CEMENTED	

LOGGING RECORD

LOGGING CO: COMPUTA LOG

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 773.0	GRNL	600.0- 773.0	DENL

CORING RECORD

CONDITION: STORED: *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

E CEM 0. B UNIT EQU 0. D UNIT EQU 0.
COLUMBUS FACIES PRESENT IN LUCAS
SPRINGVALE AT BASE OF BOIS BLANC
*F= SALT PRESENT
*E= SALT PRESENT

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED: OPEN HOLE
FORMATION(S):

D.S.T.(s) ON FILE: TREATMENT: ACID

41

CLASS: DEVEL FIELD/POOL: STATUS: OIL SHOW

COUNTY: LAMBTON TOWNSHIP: PLYMPTON LOT: 20 CON: VI

WELL NAME: BLUEWATER TRUE PLYMPTON 2-20-VI PERMIT NO.: 5185

OPERATOR: BLUEWATER GAS &OIL TOTAL DEPTH: 763.5M P.B.T.D. 760.5M

DRILLING CO.: RAWLINGS DRILLING RIG TYPE: CAB ELEV. 209.4M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 674.3M S; 289.0M E

LATITUDE: 43-00-06 N

LONGITUDE: 82-05-01 W SEC: 1

CONFIDENTIAL: 1980 03 08

SPUDDED: 1979 11 27

COMPLETED: 1980 02 07

ABANDONED:

BPL TRAY No: 4181 INDEX No: 2294

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			27.0+		
LAKE / GROUND LEVEL				209.4	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON		12.3		
	HAMILTON	KETTLE POINT	27.6		
		MARCELLUS	95.6		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	135.7		
		AMHERSTBURG	161.7		
		BOIS BLANC	293.2		
		BASS ISLANDS	306.0		
SILURIAN		G UNIT SHALE	320.0		
		F UNIT SHALE	379.5		
		E UNIT CARB.	381.7		
		D UNIT SALT	457.8		
		C UNIT SHALE	480.7		
		MANNERS	489.9		
		B UNIT SALT	503.8		
		ANHY	510.9		
		CARB	0.		
	A-2 UNIT	SALT	575.7		
		ANHY	0.		
	A-1 UNIT	CARB	605.8		
		EVAP	607.9		
	GUELPH		0.		
	ERAMOSA		633.0		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	702.1		
		ROCHESTER	732.2		
		IRONDEQUOIT	782.9		
	CATARACT	REYNALES			
		THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 763.5M			MDC:		

REMARKS

E CEU 0. B UNIT EQU 0. D UNIT EQU 0.
#F# SALT PRESENT
UPPER PICKS INTERPRETIVE, NO LOGS OR SAMPLES

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
635.5- 642.0	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
27.0-			FRESH
168.5-	60.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	60.3KG	28.3	CASING SHOE	
219MM	35.7KG	136.0	CASING SHOE	
178MM	29.8KG	383.4	CEMENTED	281.6
114MM	17.3KG	763.5	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 765.1	GRL	550.0- 765.1	DENL

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT:

CLASS: DEVEL FIELD/POOL: STATUS: OIL PRODUCER -ABD

COUNTY: LAMBTON TOWNSHIP: PLYMPTON LOT: 20 CON: VI

WELL NAME: BLUEW TRUE FITZ PLYMPTON 3-20-VI PERMIT NO.: 5393

OPERATOR: BLUEWATER GAS &OIL TOTAL DEPTH: 750.0M P.B.T.D.

DRILLING CO: RAWLINGS DRILLING RIG TYPE: CAB ELEV. 209.3M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 664.2M S; 30.3M E

LATITUDE: 42-59-53 N

LONGITUDE: 82-05-14 W SEC: 1

CONFIDENTIAL: 1980 09 13

SPUDDED: 1980 06 25

COMPLETED: 1980 08 13

ABANDONED: 1980 08 14

BPL TRAY No: 6847 INDEX No: 2323

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			28.0+		
LAKE / GROUND LEVEL				209.3	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	27.5		
		MARCELLUS	97.0		
		DUNDEE	137.0		
	DETROIT RIVER	LUCAS	170.0		
		AMHERSTBURG	236.0		
		BOIS BLANC	295.0		
		BASS ISLANDS	329.0		
SILURIAN		G UNIT SHALE	374.0		
		F UNIT SHALE	381.0		
		E UNIT CARB.	455.0		
		D UNIT SALT	470.0		
		C UNIT SHALE	487.0		
		MANNERS	500.0		
		B UNIT SALT	509.4		
		ANHY			
		CARB	570.0		
	A-2 UNIT	SALT	0.		
		ANHY	600.0		
	A-1 UNIT	CARB	602.0		
		EVAP			
	GUELPH		619.5		
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
	CATARACT	THOROLD			
		GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 750.0M			MDC:		

REMARKS

0 UNIT EQU 0.
#F# SALT PRESENT

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
67.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
655.0	SHOW	
721.5- 724.5	1.0 M3/D	
724.5- 728.0	2.0 M3/D	
728.0- 730.2		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
26.0-			FRESH
172.0-	60.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	60.3KG	28.0	CASING SHOE	
219MM	35.7KG	139.0	PACKER	
178MM	29.8KG	384.0	CEMENTED	274.5
114MM	14.1KG	753.0	CEMENTED	
60MM	7.0KG	730.2		

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 755.0	GRL	391.0- 747.0	CALP
550.0- 747.0	DENL	680.0- 744.2	CMPL

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

FINAL RESULTS

OIL 10.0 M3/D
GAS NIL
PRESSURE
PRODUCING INTVL (m) 731.0- 734.5
PERFORATED YES OPEN HOLE
FORMATION(S) GUELPH

D.S.T.(S) ON FILE TREATMENT:

CLASS: DEVEL FIELD/POOL: STATUS: OIL PRODUCER

COUNTY: LAMBTON TOWNSHIP: PLYMPTON LOT: 20 CON: VI

WELL NAME: BLUEWATER TRUE PLYMPTON 3-20-VI PERMIT NO.: 5442

OPERATOR: BLUEWATER GAS &OIL TOTAL DEPTH: 747.0M P.B.T.D

DRILLING CO.: RAWLINGS DRILLING RIG TYPE: CAB ELEV. 210.0M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 381.0M S: 129.5M E

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 27.0m					
LAKE / GROUND LEVEL				210.0	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	25.0		
			44.8		
		MARCELLUS	0.		
		DUNDEE	135.4		
	DETROIT RIVER	LUCAS	167.0		
		AMHERSTBURG	259.0		
		BOIS BLANC	304.5		
		BASS ISLANDS	324.0		
SILURIAN		G UNIT SHALE	373.9		
		F UNIT SHALE	379.8		
		E UNIT CARB	436.8		
		D UNIT SALT	477.6		
		C UNIT SHALE	485.8		
		B UNIT MARKER	497.7		
		B UNIT SALT	504.5		
		B UNIT ANHY.	0.		
		B UNIT CARB	568.6		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	597.0		
		A-2 UNIT CARB	599.3		
		A-1 UNIT EVAP.	631.3		
	GUELPH		633.0		
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 745.0m			MDC: 7		

REMARKS

0 UNIT EQU 0. D UNIT EQU 0.

D.S.T.(s) ON FILE

TREATMENT

PERMIT NO.: 5442

TOTAL DEPTH: 747.0M P.B.T.D

RIG TYPE: CAB ELEV. 210.0M+ 1.2M

CO-ORDINATES: 381.0M S: 129.5M E

LATITUDE: 42-59-59 N

LONGITUDE: 82-05-10 W SEQ: 1

CONFIDENTIAL: 1980 11 24

SPUDDED: 1980 08 09

COMPLETED: 1980 10 24

ABANDONED:

SPL. TRAY No. 6926 INDEX No. 2327

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
719.0- 723.0		
723.0- 726.0	91.0 M3/D	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
26.0- 27.0			FRESH
171.5-	60.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	27.0	CASING SHOE	
219MM	35.7KG	135.2	CASING SHOE	
178MM	29.8KG	391.8	CEMENTED	289.7
114MM	17.3KG	715.0	CEMENTED	
60MM	7.0KG	741.0		

LOGGING RECORD

LOGGING CO. GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
15.0- 747.0	GRNL	550.0- 747.0	DENL
391.0- 747.0	CALP		

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL. (m) 723.8- 727.7
728.5- 734.0

PERFORATED OPEN HOLE

FORMATION(S) GUELPH

41

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: LAMBTON TOWNSHIP: SARNIA LOT: 1 CON: R2

WELL NAME: SHELL CHIPPEWA SARNIA 1-1-R2 PERMIT NO.: 5378

OPERATOR: SHELL CANADA LTD. TOTAL DEPTH: 694.5M P.B.T.D

DRILLING CO.: RAWLINGS DRILLING RIG TYPE: CAB ELEV. 188.2M+ 1.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 45.7M N: 400.0M E

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 38.0m					
LAKE / GROUND LEVEL				188.2	
DRIFT / LAKE BOTTOM			1.5		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	36.5		
			64.5		
		MARCELLUS	0.		
		DUNDEE	152.6		
	DETROIT RIVER	LUCAS	184.7		
		AMHERSTBURG	255.6		
		BOIS BLANC	289.2		
		BASS ISLANDS	341.7		
SILURIAN		G UNIT SHALE	409.0		
		F UNIT SHALE	415.8		
		E UNIT CARB	532.7		
		D UNIT SALT	554.6		
		C UNIT SHALE	563.0		
		B UNIT MARKER	574.6		
		B UNIT SALT	581.0		
		B UNIT ANHY.	0.		
		B UNIT CARB	642.0		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	676.0		
		A-2 UNIT CARB	0.		
		A-1 UNIT EVAP.	0.		
	GUELPH		693.0		
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 694.5m			MDC: 7		

REMARKS

0 UNIT EQU 0. D UNIT EQU 0.

#F# SALT PRESENT

#E# SALT PRESENT

D.S.T.(s) ON FILE

TREATMENT

PERMIT NO.: 5378

TOTAL DEPTH: 694.5M P.B.T.D

RIG TYPE: CAB ELEV. 188.2M+ 1.5M

CO-ORDINATES: 45.7M N: 400.0M E

LATITUDE: 42-54-43 N

LONGITUDE: 82-22-55 W SEQ: 1

CONFIDENTIAL: 1980 08 07

SPUDDED: 1980 05 29

COMPLETED: 1980 07 07

ABANDONED: 1980 07 17

SPL. TRAY No. 4677 INDEX No. 2309

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
685.5- 687.0	3100 M3/D	3310 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
35.0-			FRESH
191.0- 195.0			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	38.9	CASING SHOE	38.9
219MM	35.7KG	154.2	CASING SHOE	154.2
178MM	29.8KG	416.3	CEMENTED	290.6

LOGGING RECORD

LOGGING CO. GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 692.0	GRNL		

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL. (m)

PERFORATED OPEN HOLE

FORMATION(S)

CLASS: NFW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: LAMBTON TOWNSHIP: SARNIA LOT: 3 CON: II

WELL NAME: BLUE TRUE ET AL SARNIA S-3-II PERMIT NO.: 5356

OPERATOR: BLUEWATER GAS &OIL TOTAL DEPTH: 745.0M P.B.T.D.

DRILLING CO: RAWLINGS DRILLING RIG TYPE: CAB ELEV. 196.4M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 838.2M S: 161.5M W

LATITUDE: 42-55-32 N

LONGITUDE: 82-15-05 W SEQ: 1

CONFIDENTIAL: 1981 07 18

SPUDDED: 1980 05 21

COMPLETED: 1980 07 18

ABANDONED:

SPL. TRAY No: 5089 INDEX No. 2308

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 44.0m					
LAKE / GROUND LEVEL				196.4	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT			
	HAMILTON		44.0		
		MARCELLUS	0.		
		DUNDEE	113.4		
	DETROIT RIVER	LUCAS	140.0		
		AMHERSTBURG	238.5		
		BOIS BLANC	276.3		
		BASS ISLANDS	306.6		
SILURIAN		G UNIT SHALE	362.0		
		F UNIT SHALE	368.7		
		E UNIT CARB.	478.0		
		D UNIT SALT	499.8		
		C UNIT SHALE	510.5		
		B UNIT MARKER	524.6		
		SALT	531.7		
		ANHY	0.		
		A-2 UNIT CARB.	599.4		
		SALT	0.		
		ANHY	638.0		
		A-1 UNIT CARB.	654.0		
		EVAP	0.		
	GUELPH		675.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 745.0m			MDC:		7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
710.0- 711.0	22700 M3/D	5030 KPA
721.0-	73900 M3/D	4205 KPA
742.0-	80500 M3/D	5240 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
43.0-			FRESH
126.0- 129.0	45.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	44.2	CASING SHOE	
219MM	35.7KG	115.3	PACKER	
178MM	29.8KG	388.6	CEMENTED	279.3
139MM	20.8KG	707.0	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 744.5	GRNL	707.0- 744.5	DENL

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

G UNIT EQU 0. D UNIT EQU 0.
NFM SALT PRESENT

FINAL RESULTS

OIL NIL
GAS 80500 M3/D
PRESSURE 5240 KPA
PRODUCING INTVL (m) 710.0- 745.0
PERFORATED OPEN HOLE YES
FORMATION(S) GUELPH

3 D.S.T.(S) ON FILE TREATMENT:

11

CLASS: NFW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: LAMBTON TOWNSHIP: SARNIA LOT: 6 CON: II

WELL NAME: SHELL SARNIA 7-6-II PERMIT NO.: 5186

OPERATOR: SHELL CANADA LTD. TOTAL DEPTH: 798.0M P.B.T.D.

DRILLING CO: SHAW RIG TYPE: CAB ELEV. 193.0M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 107.0M N: 107.0M E

LATITUDE: 42-55-21 N

LONGITUDE: 82-16-00 W SEQ: 1

CONFIDENTIAL: 1981 02 01

SPUDDED: 1979 12 03

COMPLETED: 1980 02 01

ABANDONED: 1980 05 01

SPL. TRAY No: 4126 INDEX No. 2296

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 45.0m					
LAKE / GROUND LEVEL				193.0	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON		0.		
		KETTLE POINT			
	HAMILTON		41.5		
		MARCELLUS	0.		
		DUNDEE	115.6		
	DETROIT RIVER	LUCAS	146.7		
		AMHERSTBURG	233.5		
		BOIS BLANC	274.7		
		BASS ISLANDS	309.8		
SILURIAN		G UNIT SHALE	362.8		
		F UNIT SHALE	369.2		
		E UNIT CARB.	479.8		
		D UNIT SALT	497.3		
		C UNIT SHALE	511.8		
		B UNIT MARKER	525.7		
		SALT	532.0		
		ANHY	598.2		
		A-2 UNIT CARB.	599.0		
		SALT	0.		
		ANHY	627.0		
		A-1 UNIT CARB.	632.0		
		EVAP	0.		
	GUELPH		645.2		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	715.9		
		GASPORT	776.0		
		ROCHESTER	790.0		
		IRONDEQUOIT	0.		
		REYNALES	798.5		
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 799.0m			MDC:		7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
40.0-	28.0		FRESH
119.0-	45.0		SULPHUR
688.0-	300.0		SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
346MM	71.4KG	42.8	CASING SHOE	
273MM	60.2KG	116.5	CASING SHOE	
219MM	35.7KG	371.7	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
10.0- 798.0	GRNL	372.0- 798.0	LATL
372.0- 798.0	SONL		

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

DE CEN 0. G UNIT EQU 0. D UNIT EQU 0.
NFM SALT PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT:

11

CLASS: NPW FIELD/POOL: STATUS: SALT WATER -ABD
COUNTY: LAMBTON TOWNSHIP: SARNIA LOT: 7 CON: VIII
WELL NAME: BLUEWATER SHAWN SARNIA 2-7-VIII PERMIT NO.: 5202
OPERATOR: BLUEWATER GAS &OIL TOTAL DEPTH: 1415.0M P.B.T.D
DRILLING CO.: RAWLINGS DRILLING RIG TYPE: CAB ELEV. 180.7M+ 1.5M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 228.6M S; 195.1M E

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 37.0m					
LAKE / GROUND LEVEL				180.7	
DRIFT / LAKE BOTTOM			1.5		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	17.5		
		MARCELLUS	39.3		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	137.0		
		AMHERSTBURG	187.7		
		BOIS BLANC	273.2		
		BASS ISLANDS	315.5		
SILURIAN		G UNIT SHALE	392.0		
		F UNIT SHALE	416.5		
		E UNIT CARB.	423.0		
		D UNIT SALT	444.5		
		C UNIT SHALE	0.		
		B UNIT MARKER	584.0		
		B UNIT SALT	604.0		
		B UNIT ANHY.	613.3		
		A-2 UNIT CARB.	0.		
		A-2 UNIT SALT	706.2		
		A-2 UNIT ANHY.	769.7		
		A-1 UNIT CARB.	785.0		
		A-1 UNIT EVAP.	787.3		
	GUELPH		822.0		
	ERAMOSA		829.2		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	830.7		
		ROCHESTER	838.9		
		IRONDEQUOIT	851.4		
		REYNALES	0.		
		THOROLD	856.8		
		GRIMSBY	0.		
	CATARACT	CABOT HEAD	0.		
		MANITOULIN	880.0		
		WHIRLPOOL	885.9		
ORDOVICIAN	QUEENSTON		0.		
	MEAFORD-DUNDAS		906.0		
	COLLINGWOOD		990.5		
	TRENTON	COBOURG	1070.5		
		VERULAM	1099.0		
		KIRKFIELD	1147.0		
	BLACK RIVER	COBOCONK	1190.2		
		GULL RIVER	1267.0		
		SHADOW LAKE	1277.0		
CAMBRIAN			1390.0		
PRECAMBRIAN			1393.0		
TOTAL DEPTH SAMPLES 1415.0m			MOC:		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE
34.0-			FRESH
174.0- 178.0	30.0		SULPHUR
1406.0-1410.0	50.0		SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
339MM	71.4KG	38.3	CASING SHOE	
273MM	60.3KG	157.0	CASING SHOE	124.0
219MM	35.7KG	423.8	CEMENTED	147.9
178MM	29.8KG	102.4	CEMENTED	996.2

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0-1413.0	GRNL		

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

B UNIT EQU 0. DE CEN 0. FOSSIL HIL 0.
OYER BAY 0. D UNIT EQU 571.5
NFM SALT PRESENT
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

41

CLASS: NPW FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: LAMBTON TOWNSHIP: SARNIA LOT: 8 CON: A
WELL NAME: DOW SARNIA 1-8-A . PERMIT NO.: 5468
OPERATOR: DOW CHEMICAL CO. TOTAL DEPTH: 800.8M P.B.T.D
DRILLING CO.: NEWPORT, JAMES R. RIG TYPE: CAB ELEV 193.2M+ 1.4M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 127.4M N; 293.5M W

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 41.0m					
LAKE / GROUND LEVEL				193.2	
DRIFT / LAKE BOTTOM			1.4		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	39.0		
		MARCELLUS	60.5		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	150.4		
		AMHERSTBURG	173.5		
		BOIS BLANC	279.5		
		BASS ISLANDS	300.5		
SILURIAN		G UNIT SHALE	393.0		
		F UNIT SHALE	408.0		
		E UNIT CARB.	415.5		
		D UNIT SALT	479.0		
		C UNIT SHALE	559.0		
		B UNIT MARKER	567.0		
		B UNIT SALT	581.2		
		B UNIT ANHY.	587.5		
		A-2 UNIT CARB.	0.		
		A-2 UNIT SALT	645.3		
		A-2 UNIT ANHY.	0.		
		A-1 UNIT CARB.	680.8		
		A-1 UNIT EVAP.	691.0		
	GUELPH		0.		
	ERAMOSA		712.0		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 800.0m			MOC: 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
691.5- 698.0	4164 M3/D	3999 KPA
701.0-		5516 KPA
706.0-	294611 M3/D	
716.0-	339936 M3/D	
800.8-	764856 M3/D	5723 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
188.0- 191.0	48.8		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.2KG	41.4	CASING SHOE	
219MM	35.7KG	151.4	CASING SHOE	
178MM	34.2KG	441.3	CEMENTED	
140MM		691.0	CEMENTED	

LOGGING RECORD

LOGGING CO: COMPUTA LOG

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 800.8	GRNL	692.0- 800.0	DENL

CORING RECORD

CONDITION STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

B UNIT EQU 0. B UNIT EQU 0.

FINAL RESULTS

OIL NIL
GAS 764856 M3/D
PRESSURE 5723 KPA
PRODUCING INTVL (m) 691.2- 798.8
PERFORATED OPEN HOLE YES
FORMATION(S) A1 CARBONATE
GUELPH

DST(S) ON FILE TREATMENT

41

CLASS: OTHER FIELD/POOL: STATUS: PETR PROD STORAGE

COUNTY: LAMBTON TOWNSHIP: SARNIA LOT: 8 CON: B

WELL NAME: DOME ANOCO ROSA SARNIA 8-8 PERMIT NO.: 5513

OPERATOR: DOME PETROLEUM LTD TOTAL DEPTH: 815.0M P.B.T.D.

DRILLING CO.: CORUNNA PETROLEUMS RIG TYPE: ROT ELEV. 187.1M+ 5.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 282.9M N; 766.2M E

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 71.0					
LAKE / GROUND LEVEL				187.1	
DRIFT / LAKE BOTTOM			5.4		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT			
	HAMILTON		61.5		
		MARCELLUS	0.		
		DUNDEE	155.0		
	DETROIT RIVER	LUCAS	180.5		
		AMHERSTBURG	284.0		
		BOIS BLANC	326.0		
		BASS ISLANDS	430.5		
SILURIAN		G UNIT SHALE	437.0		
		F UNIT SHALE	566.4		
		E UNIT CARB.	589.3		
		D UNIT SALT	600.8		
		C UNIT SHALE	621.0		
		B UNIT MARKER	0.		
		B UNIT SALT	0.		
		B UNIT ANHY.	717.5		
		A-2 UNIT CARB.	761.0		
		A-2 UNIT SALT			
		A-2 UNIT ANHY.			
		A-1 UNIT CARB.			
		A-1 UNIT SWAP			
	GUELPH				
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 761.0 MOC: 8

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
508MM	140.0KG	71.0	CEMENTED	
339MM	81.1KG	808.0	CEMENTED	

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
71.0- 788.7	GRNL	70.0- 788.7	CALP

CORING RECORD

CONDITION: STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

B UNIT EQU 0. B UNIT EQU 626.2
#F= SALT PRESENT
#C= SALT PRESENT
CRITICAL MISSING SAMPLES
POOR AGREEMENT BETWEEN LOG AND SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT: ACID

CLASS: NFW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: LAMBTON TOWNSHIP: SARNIA LOT: 12 CON: V

WELL NAME: BLUEWATER TRUE SARNIA 7-12-V PERMIT NO.: 5188

OPERATOR: BLUEWATER GAS &OIL TOTAL DEPTH: 826.0M P.B.T.D.

DRILLING CO.: RAWLINGS DRILLING RIG TYPE: CAB ELEV. 184.8M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 222.9M N; 189.0M E

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 32.0					
LAKE / GROUND LEVEL				184.8	
DRIFT / LAKE BOTTOM			1.2		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT	33.0		
	HAMILTON		47.5		
		MARCELLUS			
		DUNDEE	130.5		
	DETROIT RIVER	LUCAS	174.5		
		AMHERSTBURG	269.8		
		BOIS BLANC	305.0		
		BASS ISLANDS	338.8		
SILURIAN		G UNIT SHALE	408.6		
		F UNIT SHALE	415.0		
		E UNIT CARB.	531.2		
		D UNIT SALT	557.5		
		C UNIT SHALE	570.0		
		B UNIT MARKER	587.5		
		B UNIT SALT	599.5		
		B UNIT ANHY.			
		A-2 UNIT CARB.	679.0		
		A-2 UNIT SALT	729.5		
		A-2 UNIT ANHY.	732.0		
		A-1 UNIT CARB.	734.0		
		A-1 UNIT SWAP	756.0		
	GUELPH		764.8		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	788.6		
		GASPORT	805.0		
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 826.0 MOC:

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
30.0-			FRESH
155.0-			SULPHUR
186.0- 190.0	60.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	32.5	CASING SHOE	32.5
219MM	35.7KG	144.0	CASING SHOE	144.0
178MM	29.8KG	418.1	CEMENTED	317.4

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 825.3	GRNL	650.0- 824.6	DENL

CORING RECORD

CONDITION: STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

B UNIT EQU 0.
#F= SALT PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT:

CLASS NPa FIELD/POOL STATUS DRY HOLE -ABD

COUNTY LAMBTON TOWNSHIP SARNIA LOT 14 CON V

WELL NAME: BLUEWATER TRUE SARNIA 4-14-V

OPERATOR: BLUEWATER GAS &OIL

DRILLING CO: RAWLINGS DRILLING

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5420

TOTAL DEPTH 852.0M P.B.T.D

RIG TYPE CAB ELEV 184.1M+ 1.5M

CO-ORDINATES 563.9M S; 107.0M W

LATITUDE 42-58-00 N

LONGITUDE 82-19-54 W SEQ 1

CONFIDENTIAL 1981 10 03

SPUDDED 1980 08 13

COMPLETED 1980 10 03

ABANDONED 1980 10 08

SPL TRAY No 7072 INDEX No 2328

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT 35.0m					
LAKE / GROUND LEVEL				184.1	
DRIFT / LAKE BOTTOM				1.5	
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	34.0		
		MARCELLUS	53.0		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	150.2		
		AMHERSTBURG	182.0		
		BOIS BLANC	283.0		
		BASS ISLANDS	330.2		
SILURIAN		G UNIT SHALE	349.0		
		F UNIT SHALE	463.2		
		E UNIT CARB	467.0		
		D UNIT SALT	506.0		
		C UNIT SHALE	665.5		
		B UNIT MARKER	684.0		
		B UNIT SALT	710.6		
		B UNIT ANHY	0.		
		A-2 UNIT CARB	738.8		
		A-2 UNIT SALT	746.3		
		A-2 UNIT ANHY	0.		
		A-1 UNIT CARB	789.2		
		A-1 UNIT EVAP	790.0		
	GUELPH		830.8		
	ERAMOSA		836.0		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 852.0m			MOC 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE
24.0-			FRESH
163.0- 165.0	60.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	60.3KG	36.3	CASING SHOE	36.3
219MM	35.7KG	154.8	CASING SHOE	154.8
178MM	29.8KG	479.9	CEMENTED	379.7

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 847.5	GRNL		

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

B UNIT EQU 0. B UNIT EQU 716.8
=E= SALT PRESENT
OIL STAIN NOT MATCHING INITIAL OIL RECORD

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS NPW FIELD/POOL STATUS DRY HOLE -ABD

COUNTY MIDDLESEX TOWNSHIP MOSA LOT 4 CON I

WELL NAME: CONSUMERS 33111 MOSA 2-4-I

OPERATOR: CONSUMERS GAS CO.

DRILLING CO. SHAW

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5377

TOTAL DEPTH: 552.0M P.B.T.D.

RIG TYPE: CAB ELEV. 217.8M+ .8M

CO-ORDINATES: 107.0M S; 372.0M W

LATITUDE: 43-11-36 N

LONGITUDE: 80-35-28 W SEQ: 1

CONFIDENTIAL: 1981 08 09

SPUDDED: 1980 07 14

COMPLETED: 1980 08 09

ABANDONED: 1980 08 13

SPL TRAY No. 6170 INDEX No. 462

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 34.0m					
LAKE / GROUND LEVEL				217.8	
DRIFT / LAKE BOTTOM				.8	
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	46.0		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	109.8		
		AMHERSTBURG	144.5		
		BOIS BLANC	199.2		
		BASS ISLANDS	236.8		
SILURIAN		G UNIT SHALE	263.0		
		F UNIT SHALE	291.8		
		E UNIT CARB	299.4		
		D UNIT SALT	326.4		
		C UNIT SHALE	0.		
		B UNIT MARKER	372.8		
		B UNIT SALT	383.0		
		B UNIT ANHY	394.8		
		A-2 UNIT CARB	428.0		
		A-2 UNIT SALT	432.0		
		A-2 UNIT ANHY	0.		
		A-1 UNIT CARB	483.5		
		A-1 UNIT EVAP	485.2		
	GUELPH		488.4		
	ERAMOSA		494.0		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	508.5		
		ROCHESTER	538.0		
		IRONDEQUOIT	545.7		
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 555.0m			MOC 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
870.2- 871.1	7 M3/D	179 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
870.2- 871.1	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
19.8-	6.1		FRESH
57.9-	6.1		FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	60.2KG	46.6	CASING SHOE	46.6
219MM	35.7KG	102.1	CASING SHOE	102.1
178MM	29.8KG	321.6	CEMENTED	228.6

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 552.0	GRNL	320.0- 552.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

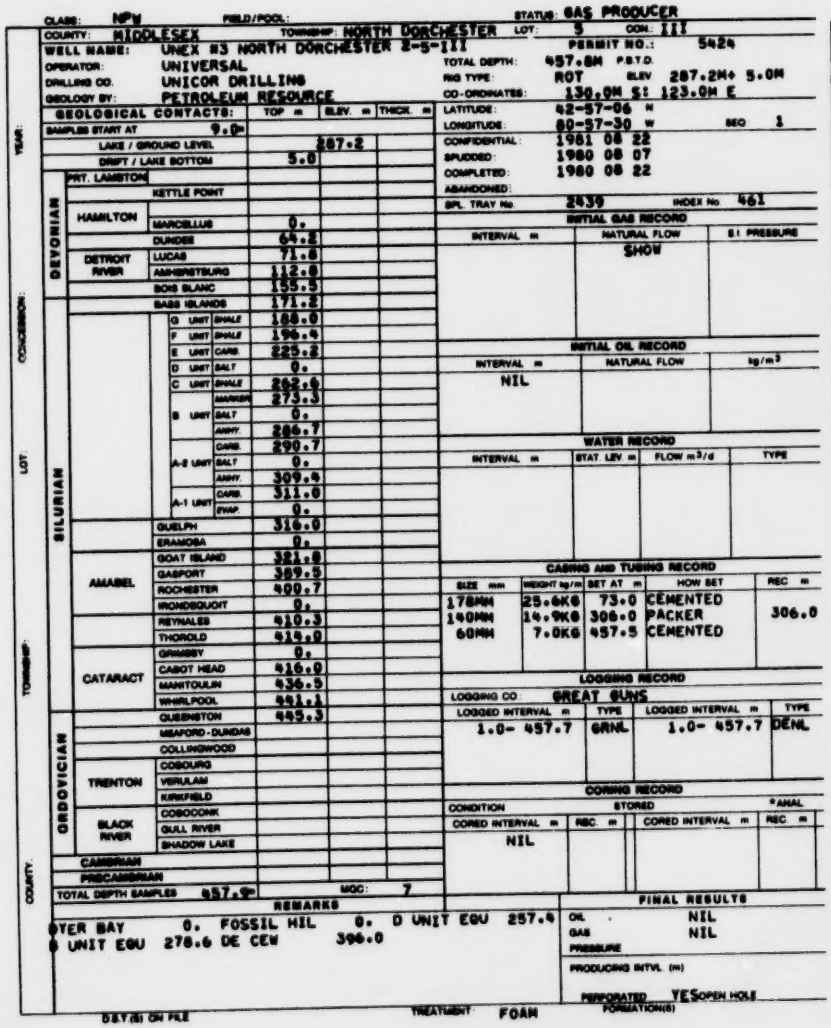
REMARKS

DE CEW 0. D UNIT EQU 368.7 B UNIT EQU 388.4
COLUMBUS FACIES PRESENT IN LUCAS
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL. (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT



CLASS: NPW FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: MIDDLESEX TOWNSHIP: NORTH DORCHESTER LOT: 5 CON: III
WELL NAME: UNEX #3 NORTH DORCHESTER 2-5-III PERMIT NO.: 5424
OPERATOR: UNIVERSAL TOTAL DEPTH: 457.0M P.B.T.D.
DRILLING CO.: UNICOR DRILLING RIG TYPE: ROT ELEV. 287.2M+ 5.0M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 130.0M S: 123.0M E
LATITUDE: 42-57-06 N
LONGITUDE: 80-57-30 W SEC: 1
CONFIDENTIAL: 1981 08 22
SPUDDED: 1980 08 07
COMPLETED: 1980 08 22
ABANDONED:
SPL. TRAY No. 2439 INDEX No. 461

GEOLOGICAL CONTACTS:

			TOP m	ELEV. m	THICK. m
SAMPLES START AT 9.0m					
LAKE / GROUND LEVEL				287.2	
DRIFT / LAKE BOTTOM			5.0		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS	0.		
		DUNDEE	64.2		
	DETROIT RIVER	LUCAS	71.8		
		AMHERSTBURG	112.8		
		BOIS BLANC	155.5		
		BASS ISLANDS	171.2		
SILURIAN		G UNIT SHALE	188.0		
		F UNIT SHALE	196.4		
		E UNIT CARB.	229.2		
		D UNIT SALT	0.		
		C UNIT SHALE	262.6		
		B UNIT MARKER	273.3		
		B UNIT SALT	0.		
		B UNIT ANHY.	286.7		
		B UNIT CARB.	290.7		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	309.4		
		A-1 UNIT CARB.	311.0		
		A-1 UNIT EVAP	0.		
	GUELPH		316.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	321.0		
		GASPORT	389.5		
		ROCHESTER	400.7		
		IRONDEQUOIT	0.		
		REYNALES	410.3		
		THOROLD	414.0		
	CATARACT	GRIMSBY	0.		
		CABOT HEAD	416.0		
		MANITOULIN	436.5		
		WHIRLPOOL	441.1		
ORDOVICIAN	QUEENSTON		445.3		
	TRENTON	MEAFORD - DUNDAS			
		COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 457.0m				MOC: 7	

REMARKS
DYER BAY 0. FOSSIL HIL 0. D UNIT EGU 257.4
B UNIT EGU 278.6 DE CEW 396.0

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	25.6KG	73.0	CEMENTED	
140MM	14.9KG	306.0	PACKER	306.0
60MM	7.0KG	457.5	CEMENTED	

LOGGING RECORD
LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 457.7	GRNL	1.0- 457.7	DENL

CORING RECORD

CONDITION	CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL				

FINAL RESULTS
OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED YES OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT FOAM

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: LINCOLN TOWNSHIP: GAINSBOROUGH LOT: 3 CON: I
WELL NAME: UNEX #11 GAINSBOROUGH 4-3-I PERMIT NO.: 5527
OPERATOR: UNIVERSAL TOTAL DEPTH: 165.3M P.B.T.D.
DRILLING CO.: UNICOR DRILLING RIG TYPE: ROT ELEV. 180.4M+ 5.0M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 451.3M S: 116.0M W
LATITUDE: 43-00-39 N
LONGITUDE: 79-33-50 W SEC: 1
CONFIDENTIAL: 1981 09 14
SPUDDED: 1980 11 18
COMPLETED: 1980 11 26
ABANDONED:
SPL. TRAY No. 6461 INDEX No. 26

GEOLOGICAL CONTACTS:

			TOP m	ELEV. m	THICK. m
SAMPLES START AT 50.0m					
LAKE / GROUND LEVEL				180.4	
DRIFT / LAKE BOTTOM			5.0		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG			
		BOIS BLANC			
		BASS ISLANDS			
SILURIAN		G UNIT SHALE			
		F UNIT SHALE			
		E UNIT CARB.			
		D UNIT SALT			
		C UNIT SHALE			
		B UNIT MARKER			
		B UNIT SALT			
		B UNIT ANHY.			
		B UNIT CARB.			
		A-2 UNIT SALT			
		A-2 UNIT ANHY.			
		A-1 UNIT CARB.			
		A-1 UNIT EVAP	0.		
	GUELPH		18.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	82.0		
		GASPORT	89.9		
		ROCHESTER	104.0		
		IRONDEQUOIT	117.1		
		REYNALES	119.1		
		THOROLD	122.8		
	CATARACT	GRIMSBY	126.0		
		CABOT HEAD	134.4		
		MANITOULIN	0.		
		WHIRLPOOL	155.1		
ORDOVICIAN	QUEENSTON		158.8		
	TRENTON	MEAFORD - DUNDAS			
		COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 165.0m				MOC: 7	

REMARKS
FOSSIL HIL 0. DYER BAY 0. DE CEW 96.2

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
117.0- 118.0		1162 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	35.7KG	46.5	CEMENTED	
140MM	20.8KG	101.5	CEMENTED	

LOGGING RECORD
LOGGING CO: COMPUTA LOG

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
25.0- 168.3	GRNL	100.5- 165.3	DENL

CORING RECORD

CONDITION	CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL				

FINAL RESULTS
OIL NIL
GAS NIL
PRESSURE 1162 KPA
PRODUCING INTVL (m) 122.5- 126.5
129.0- 134.5
PERFORATED OPEN HOLE YES
FORMATION(S) REYNALES
GRIMSBY CABOT HEAD

D.S.T.(S) ON FILE TREATMENT

CLASS: NFW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: LINCOLN TOWNSHIP: GAINSBOROUGH LOT: 4 CON: IV

WELL NAME: UNEX #9 GAINSBOROUGH 8-4-IV

OPERATOR: UNIVERSAL

DRILLING CO: UNICOR DRILLING

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5516

TOTAL DEPTH: 160.0M P.B.T.D.

RIG TYPE: ROT ELEV. 184.2M+ 5.0M

CO-ORDINATES: 116.0M N; 156.0M W

LATITUDE: 43-02-26 N

LONGITUDE: 78-33-27 W SEQ: 1

CONFIDENTIAL: 1981 11 06

SPUDDED: 1980 10 29

COMPLETED: 1980 11 06

ABANDONED:

SPL. TRAY No. 2956 INDEX No. 28

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 1.0m				
LAKE / GROUND LEVEL			184.2	
DRIFT / LAKE BOTTOM		5.0		
DEVONIAN	PRT. LAMBTON			
	KETTLE POINT			
	HAMILTON			
	MARCELLUS			
	DUNDEE			
	DETROIT RIVER			
	LUCAS			
	AMHERSTBURG			
	BOIS BLANC			
SILURIAN	BASS ISLANDS			
	G UNIT SHALE			
	F UNIT SHALE			
	E UNIT CARB.			
	D UNIT SALT			
	C UNIT SHALE			
	B UNIT MARKER			
	B UNIT SALT			
	B UNIT ANHY.			
	A-2 UNIT CARB.			
	A-2 UNIT SALT			
	A-2 UNIT ANHY.			
	A-1 UNIT CARB.			
	A-1 UNIT EVAP.			
	GUELPH			
	ERAMOSA	29.3		
	AMABEL GOAT ISLAND	67.6		
	GASPORT	76.2		
	ROCHESTER	90.5		
	IRONDEQUOIT	103.2		
	REYNALES	105.4		
	THOROLD	108.0		
	GRIMSBY	111.0		
	CATARACT CABOT HEAD	123.2		
	MANITOULIN	0.		
	WHIRLPOOL	142.0		
ORDOVICIAN	QUEENSTON	144.0		
	MEAFORD - DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	VERULAM			
	KIRKFIELD			
	BLACK RIVER COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 159.0m			MOC	7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
104.0- 105.0		160 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
178MM	25.3KG	51.0	CEMENTED	
140MM	20.8KG	103.0	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 159.5	GRNL	100.0- 159.5	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 81.4

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE 1103 KPA

PRODUCING INTVL (m) 104.0- 105.0

PERFORATED OPEN HOLE YES

FORMATION(S) IRONDEQUOIT

D.S.T.(S) ON FILE TREATMENT

11

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: LINCOLN TOWNSHIP: GAINSBOROUGH LOT: 5 CON: III

WELL NAME: UNEX #6 GAINSBOROUGH 8-5-III

OPERATOR: UNIVERSAL

DRILLING CO: UNICOR DRILLING

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5467

TOTAL DEPTH: 159.5M P.B.T.D.

RIG TYPE: CAB ELEV. 180.2M+ 5.0M

CO-ORDINATES: 115.0M N; 115.0M W

LATITUDE: 43-01-44 N

LONGITUDE: 79-32-57 W SEQ: 1

CONFIDENTIAL: 1981 09 14

SPUDDED: 1980 09 17

COMPLETED: 1980 09 20

ABANDONED:

SPL. TRAY No. 2249 INDEX No. 25

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 8.0m				
LAKE / GROUND LEVEL			180.2	
DRIFT / LAKE BOTTOM		5.0		
DEVONIAN	PRT. LAMBTON			
	KETTLE POINT			
	HAMILTON			
	MARCELLUS			
	DUNDEE			
	DETROIT RIVER			
	LUCAS			
	AMHERSTBURG			
	BOIS BLANC			
SILURIAN	BASS ISLANDS			
	G UNIT SHALE			
	F UNIT SHALE			
	E UNIT CARB.			
	D UNIT SALT			
	C UNIT SHALE			
	B UNIT MARKER			
	B UNIT SALT			
	B UNIT ANHY.			
	A-2 UNIT CARB.			
	A-2 UNIT SALT			
	A-2 UNIT ANHY.			
	A-1 UNIT CARB.			
	A-1 UNIT EVAP.			
	GUELPH	19.1		
	ERAMOSA	54.8		
	AMABEL GOAT ISLAND	73.6		
	GASPORT	82.2		
	ROCHESTER	92.1		
	IRONDEQUOIT	105.4		
	REYNALES	107.3		
	THOROLD	111.3		
	GRIMSBY	114.5		
	CATARACT CABOT HEAD	122.0		
	MANITOULIN	0.		
	WHIRLPOOL	143.8		
ORDOVICIAN	QUEENSTON	147.0		
	MEAFORD - DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	VERULAM			
	KIRKFIELD			
	BLACK RIVER COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 159.5m			MOC	7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
111.0- 115.0	SHOW	
119.0- 122.0	SHOW	
145.5- 146.5	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	25.3KG	45.0	CEMENTED	
114MM	14.1KG	159.0	CEMENTED	

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
45.0- 159.5	GRNL	104.0- 159.5	DENL
45.0- 159.5	CMPL		

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 84.7

NO SAMPLES

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED YES OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: NFW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: LINCOLN TOWNSHIP: GAINSBOROUGH LOT: 7 CON: III

WELL NAME: UNEX #5 GAINSBOROUGH 2-7-III PERMIT NO.: 5466

OPERATOR: UNIVERSAL TOTAL DEPTH: 153.0M P.B.T.D.

DRILLING CO.: UNICOR DRILLING RIG TYPE: ROT ELEV. 182.9M+ 5.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 115.8M S: 115.8M E

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 8.0m					
LAKE / GROUND LEVEL				182.9	
DRIFT / LAKE BOTTOM			5.2		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG			
		BOIS BLANC			
		BASS ISLANDS			
SILURIAN		G UNIT SHALE			
		F UNIT SHALE			
		E UNIT CARB.			
		D UNIT SALT			
		C UNIT SHALE			
		B UNIT MARKER			
		B UNIT SALT			
		B UNIT ANHY.			
		A-2 UNIT CARB.			
		A-2 UNIT SALT			
		A-2 UNIT ANHY.			
		A-1 UNIT CARB.			
		A-1 UNIT EVAP.	0.		
	GUELPH		32.6		
	ERAMOSA		41.4		
	AMABEL	GOAT ISLAND	61.4		
		GASPORT	73.0		
		ROCHESTER	87.6		
		IRONDEQUOIT	0.		
		REYNALES	99.9		
		THOROLD	105.3		
	CATARACT	GRIMSBY	108.5		
		CABOT HEAD	116.0		
		MANITOULIN	0.		
		WHIRLPOOL	137.4		
ORDOVICIAN	QUEENSTON		141.0		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 152.0m MOC:

REMARKS

FOSSIL NIL 0. DYER BAY 0. DE CEW 77.6

D.S.T.(S) ON FILE TREATMENT

LATITUDE: 43-02-21 N

LONGITUDE: 79-32-23 W SEQ: 1

CONFIDENTIAL: 1981 09 14

SPUDDED: 1980 09 09

COMPLETED: 1980 09 14

ABANDONED:

SPL. TRAY No. 2231 INDEX No. 24

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
111.0-		1138 KPA
140.0-		1138 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	25.3KG	50.0	CEMENTED	
114MM	14.1KG	151.0	CEMENTED	

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 152.5	GRNL	100.0- 152.5	DENL
1.0- 144.7	CMPL		

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m) 100.0- 102.0
106.0- 108.0 140.0- 141.0

PERFORATED YES OPEN HOLE

FORMATION(S) THOROLD REYNALES WHIRLPOOL

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: LINCOLN TOWNSHIP: GAINSBOROUGH LOT: 10 CON: II

WELL NAME: UNEX #10 GAINSBOROUGH 1-10-II PERMIT NO.: 5521

OPERATOR: UNIVERSAL TOTAL DEPTH: 153.0M P.B.T.D.

DRILLING CO.: UNICOR DRILLING RIG TYPE: ROT ELEV. 181.3M+ 5.0M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 101.0M S: 107.0M W

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 38.0m					
LAKE / GROUND LEVEL				181.3	
DRIFT / LAKE BOTTOM			5.0		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG			
		BOIS BLANC			
		BASS ISLANDS			
SILURIAN		G UNIT SHALE			
		F UNIT SHALE			
		E UNIT CARB.			
		D UNIT SALT			
		C UNIT SHALE			
		B UNIT MARKER			
		B UNIT SALT			
		B UNIT ANHY.			
		A-2 UNIT CARB.			
		A-2 UNIT SALT			
		A-2 UNIT ANHY.			
		A-1 UNIT CARB.			
		A-1 UNIT EVAP.			
	GUELPH		28.8		
	ERAMOSA		49.4		
	AMABEL	GOAT ISLAND	68.8		
		GASPORT	79.5		
		ROCHESTER	88.6		
		IRONDEQUOIT	103.3		
		REYNALES	105.9		
		THOROLD	107.6		
	CATARACT	GRIMSBY	111.7		
		CABOT HEAD	120.1		
		MANITOULIN			
		WHIRLPOOL	140.0		
ORDOVICIAN	QUEENSTON		144.0		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 152.0m MOC: 7

REMARKS

DE CEW 82.2

LEAD-ZINC MINERALIZATION NOTED

LOG AND SAMPLE DEPTHS DISAGREE BY A CONSTANT FACTOR

D.S.T.(S) ON FILE TREATMENT

LATITUDE: 43-01-37 N

LONGITUDE: 79-30-80 W SEQ: 1

CONFIDENTIAL: 1981 09 14

SPUDDED: 1980 11 08

COMPLETED: 1980 11 17

ABANDONED:

SPL. TRAY No. 2983 INDEX No. 29

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
112.0- 116.0		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	25.3KG	48.5	CEMENTED	
140MM	20.8KG	102.5	CEMENTED	

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 153.0	GRNL	102.0- 153.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

FINAL RESULTS

OIL NIL

GAS SHOW

PRESSURE 1172 KPA

PRODUCING INTVL (m) 109.0- 112.0
113.0- 116.0 140.0- 144.0

PERFORATED OPEN HOLE YES

FORMATION(S) THOROLD WHIRLPOOL
GRIMSBY

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: LINCOLN TOWNSHIP: GAINSBOROUGH LOT: 12 CON: I

WELL NAME: UNEX #12 GAINSBOROUGH 2-12-I PERMIT NO.: 5529

OPERATOR: UNIVERSAL

DRILLING CO.: UNICOR DRILLING

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 159.4M P.B.T.D.

RIG TYPE: ROT ELEV. 178.3M+ 5.0M

CO-ORDINATES: 116.0M S: 120.0M E

LATITUDE: 43-00-52 N

LONGITUDE: 79-30-13 W SEQ: 1

CONFIDENTIAL: 1981 01 04

SPUDDED: 1980 11 27

COMPLETED: 1980 12 04

ABANDONED:

SPL. TRAY No. 6461 INDEX No. 27

YEAR: CONCESSION: LOT: TOWNSHIP: COUNTY:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 51.0m					
LAKE / GROUND LEVEL				178.3	
DRIFT / LAKE BOTTOM			5.0		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG			
		BOIS BLANC			
SILURIAN		BASS ISLANDS			
		G UNIT SHALE			
		F UNIT SHALE			
		E UNIT CARB.			
		D UNIT SALT			
		C UNIT SHALE			
		B UNIT MARKER			
		B UNIT SALT			
		B UNIT ANHY.			
		A-2 UNIT CARB.			
		A-2 UNIT SALT			
		A-2 UNIT ANHY.			
		A-1 UNIT CARB.			
		A-1 UNIT EVAP.			
	GUELPH				
	AMABEL	ERAMOSA	29.4		
		GOAT ISLAND	0.		
		GASPORT	0.		
		ROCHESTER	100.0		
		IRONDEQUOIT	112.6		
		REYNALES	115.0		
		THOROLD	118.7		
	CATARACT	GRIMSBY	122.3		
		CABOT HEAD	129.0		
		MANITOULIN	0.		
		WHIRLPOOL	150.3		
ORDOVICIAN	QUEENSTON		154.4		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 159.0m			MDC:		6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
120.5- 121.5 83.8- 152.0- 154.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	35.7KG	51.2	CEMENTED	
140MM	14.9KG	96.5	CEMENTED	

LOGGING RECORD

LOGGING CO. COMPUTA LOG

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 159.4	GRNL	100.0- 159.4	DENL

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. DE CEW 85.1

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE YES

FORMATION(S)

DST(S) ON FILE TREATMENT

CLASS: NFW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: LINCOLN TOWNSHIP: GAINSBOROUGH LOT: 14 CON: III

WELL NAME: UNEX #8 GAINSBOROUGH 7-14-III PERMIT NO.: 5490

OPERATOR: UNIVERSAL

DRILLING CO.: UNICOR DRILLING

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 282.6M P.B.T.D.

RIG TYPE ROT ELEV. 181.7M+ 5.3M

CO-ORDINATES: 116.0M N: 174.8M E

LATITUDE: 43-01-46 N

LONGITUDE: 79-29-08 W SEQ: 1

CONFIDENTIAL: 1981 08 24

SPUDDED: 1980 08 15

COMPLETED: 1980 08 24

ABANDONED:

SPL. TRAY No. 2391 INDEX No. 32

YEAR: CONCESSION: LOT: TOWNSHIP: COUNTY:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 1.0m					
LAKE / GROUND LEVEL				181.7	
DRIFT / LAKE BOTTOM			5.3		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG			
		BOIS BLANC			
SILURIAN		BASS ISLANDS			
		G UNIT SHALE			
		F UNIT SHALE			
		E UNIT CARB.			
		D UNIT SALT			
		C UNIT SHALE			
		B UNIT MARKER			
		B UNIT SALT			
		B UNIT ANHY.			
		A-2 UNIT CARB.			
		A-2 UNIT SALT			
		A-2 UNIT ANHY.			
		A-1 UNIT CARB.			
		A-1 UNIT EVAP.			
	GUELPH				
	AMABEL	ERAMOSA	38.5		
		GOAT ISLAND	0.		
		GASPORT	75.0		
		ROCHESTER	90.5		
		IRONDEQUOIT	105.4		
		REYNALES	107.4		
		THOROLD	111.4		
	CATARACT	GRIMSBY	114.0		
		CABOT HEAD	122.3		
		MANITOULIN	0.		
		WHIRLPOOL	141.6		
ORDOVICIAN	QUEENSTON		146.0		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 282.0m			MDC:		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
105.0- 107.0	340 M3/D	1138 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
55.0- 58.0			

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	25.3KG	54.4	CEMENTED	
140MM	22.1KG	102.0	CEMENTED	

LOGGING RECORD

LOGGING CO. GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 156.2	GRNL	1.0- 156.2	DENL

CORING RECORD

CONDITION	STORED	*ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. DE CEW 83.5

FINAL RESULTS

OIL NIL

GAS 340 M3/D

PRESSURE 1138 KPA

PRODUCING INTVL (m) 105.0- 107.0

PERFORATED OPEN HOLE YES

FORMATION(S) ROCHESTER IRONDEQUOIT

DST(S) ON FILE TREATMENT

CLASS: NFW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: LINCOLN TOWNSHIP: GAINSBOROUGH LOT: 19 CON: III

WELL NAME: UNEX #7 GAINSBOROUGH 1-19-III PERMIT NO.: 5489

OPERATOR: UNIVERSAL TOTAL DEPTH: 159.0M P.B.T.D.

DRILLING CO.: UNICOR DRILLING RIG TYPE: ROT ELEV.: 184.1M+ 5.1M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 185.9M S: 116.0M W

LATITUDE: 43-07-25 N

LONGITUDE: 79-26-40 W SEQ: 1

CONFIDENTIAL: 1981 10 11

SPUDDED: 1980 10 01

COMPLETED: 1980 10 11

ABANDONED:

SPL. TRAY No.: 2391 INDEX No.: 31

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 5.0m			
LAKE / GROUND LEVEL		184.1	
DRIFT / LAKE BOTTOM	5.1		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — HAMILTON — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS			
DEVONIAN — HAMILTON — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG			
DEVONIAN — DETROIT RIVER — BOIS BLANC			
DEVONIAN — DETROIT RIVER — BASS ISLANDS			
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB.			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE			
SILURIAN — B UNIT MARKER			
SILURIAN — B UNIT SALT			
SILURIAN — B UNIT ANHY.			
SILURIAN — A-2 UNIT CARB.			
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY.			
SILURIAN — A-1 UNIT CARB.			
SILURIAN — A-1 UNIT EVAP.			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA	35.9		
SILURIAN — AMABEL — GOAT ISLAND	0.		
SILURIAN — AMABEL — GASPORT	0.		
SILURIAN — AMABEL — ROCHESTER	85.1		
SILURIAN — AMABEL — IRONDEQUOIT	101.9		
SILURIAN — REYNALES	104.4		
SILURIAN — THOROLD	107.3		
SILURIAN — CATARACT — GRIMSBY	114.8		
SILURIAN — CATARACT — CABOT HEAD	123.6		
SILURIAN — CATARACT — MANITOULIN	0.		
SILURIAN — CATARACT — WHIRLPOOL	138.0		
ORDOVICIAN — QUEENSTON	143.3		
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 159.0m	MQC: 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
142.0- 145.0	16 M3/D	165 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	29.8KG	52.2	CEMENTED	
114MM	14.1KG	100.5	CEMENTED	

LOGGING RECORD

LOGGING CO.: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 158.6	GRNL	100.0- 158.6	TMPL

CORING RECORD

CONDITION: STORED: *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. DE CEW 80.3

FINAL RESULTS

OIL: NIL

GAS: SHOW

PRESSURE: 1138 KPA

PRODUCING INTVL (m): 142.0- 145.0

PERFORATED: YES OPEN HOLE:

FORMATION(S): WHIRLPOOL QUEENSTON

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: LOST

COUNTY: NORFOLK TOWNSHIP: CHARLOTTEVILLE LOT: 5 CON: III

WELL NAME: METALORE #61 CHARLOTTEVILLE 6-5-III PERMIT NO.: 5524

OPERATOR: METALORE TOTAL DEPTH: 118.6M P.B.T.D.

DRILLING CO.: MARSH, THOMAS L. RIG TYPE: CAB ELEV.: 221.3M+ 0.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 504.1M N: 107.3M E

LATITUDE: 42 42 53 N

LONGITUDE: 80 25 05 W SEQ: 1

CONFIDENTIAL: 1981 01 23

SPUDDED: 1980 11 13

COMPLETED: 1980 12 23

ABANDONED: 1980 12 23

SPL. TRAY No.: INDEX No.:

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT m			
LAKE / GROUND LEVEL			
DRIFT / LAKE BOTTOM	0.3		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — HAMILTON — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS			
DEVONIAN — HAMILTON — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG			
DEVONIAN — DETROIT RIVER — BOIS BLANC			
DEVONIAN — DETROIT RIVER — BASS ISLANDS			
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB.			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE			
SILURIAN — B UNIT MARKER			
SILURIAN — B UNIT SALT			
SILURIAN — B UNIT ANHY.			
SILURIAN — A-2 UNIT CARB.			
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY.			
SILURIAN — A-1 UNIT CARB.			
SILURIAN — A-1 UNIT EVAP.			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER			
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — REYNALES			
SILURIAN — THOROLD			
SILURIAN — CATARACT — GRIMSBY			
SILURIAN — CATARACT — CABOT HEAD			
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON			
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES m	MQC:		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m

LOGGING RECORD

LOGGING CO.:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE

CORING RECORD

CONDITION: STORED: *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m

REMARKS

NO SAMPLES
NO LOGS

FINAL RESULTS

OIL:

GAS:

PRESSURE:

PRODUCING INTVL (m):

PERFORATED: OPEN HOLE:

FORMATION(S):

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: CHARLOTTEVILLE LOT 9 CON VI

WELL NAME: METALORE #60 CHARLOTTEVILLE 4-9-VI PERMIT NO.: 5497

OPERATOR: METALORE TOTAL DEPTH: 406.5M P.B.T.D 377.4M

DRILLING CO.: ASHBURN RIG TYPE: CAB ELEV 234.1M+ 1.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 627.0M S; 269.4M W

LATITUDE: 42-45-36 N

LONGITUDE: 80-24-59 W SEQ 1

CONFIDENTIAL: 1981 01 11

SPUDDED: 1980 10 15

COMPLETED: 1980 12 11

ABANDONED:

BPL TRAY No: INDEX No:

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT m			
LAKE / GROUND LEVEL		234.1	
DRIFT / LAKE BOTTOM	1.3		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON			
DEVONIAN — MARCELLUS			
DEVONIAN — DUNDEE	70.4		
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG			
DEVONIAN — BOIS BLANC	124.1		
DEVONIAN — BASS ISLANDS	152.4		
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE			
SILURIAN — MARKER			
SILURIAN — B UNIT SALT			
SILURIAN — B UNIT ANHY			
SILURIAN — B UNIT CARB	289.6		
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY			
SILURIAN — A-2 UNIT CARB			
SILURIAN — A-1 UNIT EVAP			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER	358.4		
SILURIAN — AMABEL — IRONDEQUOIT	0.		
SILURIAN — CATARACT — REYNALES	370.5		
SILURIAN — CATARACT — THOROLD	373.7		
SILURIAN — CATARACT — GRIMSBY	375.5		
SILURIAN — CATARACT — CABOT HEAD	376.7		
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL			
ORDOVICIAN — QUEENSTON	404.2		
ORDOVICIAN — MEAFORD - DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES m	MOC		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
8.8- 374.3	105 M3/D	3206 KPA
8.8- 9.8	170 M3/D	
9.8- 10.9	198 M3/D	
10.9- 11.3	227 M3/D	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m3/d	TYPE
71.9-	36.6		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	60.3KG	70.7	CASING SHOE	70.7
219MM	25.3KG	78.9	COLLAR	
140MM	20.8KG	375.5	COLLAR	
19MM		391.7	OTHER	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
358.1- 377.3	GRNL	371.9- 377.3	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. DE CEW 350.5
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES
NO SAMPLES

FINAL RESULTS

OIL NIL
GAS 3628 M3/D
PRESSURE 3585 KPA
PRODUCING INTVL (m) 375.5- 377.0
PERFORATED OPEN HOLE YES
FORMATION(S) GRIMSBY

DST(S) ON FILE TREATMENT

CAROT HEAD

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: HOUGHTON LOT 6 CON VI

WELL NAME: CONSUMERS 32912 HOUGHTON 3-6-VI PERMIT NO.: 4902

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 466.6M P.B.T.D

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV 197.4M+ 1.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 74.0M S; 438.6M W

LATITUDE: 42-37-18 N

LONGITUDE: 80-36-13 W SEQ 1

CONFIDENTIAL: 1980 02 29

SPUDDED: 1980 01 21

COMPLETED: 1980 01 24

ABANDONED: 1980 01 24

BPL TRAY No: 2043 INDEX No: 875

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 111.0m			
LAKE / GROUND LEVEL		197.4	
DRIFT / LAKE BOTTOM	1.2		
DEVONIAN — PRT. LAMBTON	0.		
DEVONIAN — KETTLE POINT	26.5		
DEVONIAN — HAMILTON	49.5		
DEVONIAN — MARCELLUS	103.7		
DEVONIAN — DUNDEE	107.0		
DEVONIAN — DETROIT RIVER — LUCAS	114.6		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	144.0		
DEVONIAN — BOIS BLANC	166.0		
DEVONIAN — BASS ISLANDS	195.0		
SILURIAN — G UNIT SHALE	221.5		
SILURIAN — F UNIT SHALE	229.0		
SILURIAN — E UNIT CARB	253.0		
SILURIAN — D UNIT SALT	0.		
SILURIAN — C UNIT SHALE	289.7		
SILURIAN — MARKER	297.6		
SILURIAN — B UNIT SALT	0.		
SILURIAN — B UNIT ANHY	309.8		
SILURIAN — B UNIT CARB	314.9		
SILURIAN — A-2 UNIT SALT	0.		
SILURIAN — A-2 UNIT ANHY	327.3		
SILURIAN — A-2 UNIT CARB	328.7		
SILURIAN — A-1 UNIT EVAP	0.		
SILURIAN — GUELPH	331.9		
SILURIAN — ERAMOSA	0.		
SILURIAN — AMABEL — GOAT ISLAND	342.8		
SILURIAN — AMABEL — GASPORT	0.		
SILURIAN — AMABEL — ROCHESTER	408.6		
SILURIAN — AMABEL — IRONDEQUOIT	0.		
SILURIAN — CATARACT — REYNALES	421.2		
SILURIAN — CATARACT — THOROLD	422.8		
SILURIAN — CATARACT — GRIMSBY	424.8		
SILURIAN — CATARACT — CABOT HEAD	437.7		
SILURIAN — CATARACT — MANITOULIN	457.3		
SILURIAN — CATARACT — WHIRLPOOL	459.8		
ORDOVICIAN — QUEENSTON	461.9		
ORDOVICIAN — MEAFORD - DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 465.0m	MOC		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE
185.0-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
180MM	25.3KG	109.6	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 462.5	GRNL	102.3- 440.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. O UNIT EQU 283.8
B UNIT EQU 302.8 DE CEW 400.5
ORISKANY AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

DST(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: HOUGHTON LOT: 8 CON: II

WELL NAME: CONSUMERS 32929 HOUGHTON 3-8-II PERMIT NO.: 5209

OPERATOR: CONSUMERS GAS CO.

DRILLING CO: UNDERWATER GAS DEV

GEOLOGY BY: PETROLEUM RESOURCE

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			13.9		
LAKE / GROUND LEVEL				207.3	
DRIFT / LAKE BOTTOM			1.8		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	93.2		
	DETROIT RIVER	LUCAS	120.0		
		AMHERSTBURG	135.0		
		BOIS BLANC	152.5		
		BASS ISLANDS	184.5		
SILURIAN		G UNIT SHALE	219.0		
		F UNIT SHALE	226.0		
		E UNIT CARB	256.0		
		D UNIT SALT	0.		
		C UNIT SHALE	288.0		
		MARKER	298.2		
		B UNIT SALT	0.		
		ANHY.	311.1		
		CARB	316.3		
		A-2 UNIT SALT	0.		
		ANHY.	330.0		
		CARB	331.2		
		A-1 UNIT EVAP			
	GUELPH		335.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	367.6		
		GASPORT	391.5		
		ROCHESTER	405.9		
		IRONDEQUOIT	429.1		
		REYNALES	429.2		
		THOROLD	427.8		
	CATARACT	GRIMSBY	429.2		
		CABOT HEAD	442.0		
		MANITOULIN	459.8		
		WHIRLPOOL	461.0		
ORDOVICIAN		QUEENSTON	463.8		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 480.0 MOC:

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 283.0
B UNIT EQU 303.5
SPRINGVALE AT BASE OF BOIS BLANC
NO SAMPLES

D.S.T.(S) ON FILE

TREATMENT

TOTAL DEPTH: 483.3M PBTD

RIG TYPE: ROT ELEV: 207.3M+ 1.8M

CO-ORDINATES: 6.3M S; 392.6M W

LATITUDE: 42-39-11 N

LONGITUDE: 80-39-55 W SEQ: 1

CONFIDENTIAL: 1980 03 27

SPUDDED: 1980 02 23

COMPLETED: 1980 02 27

ABANDONED:

SPL. TRAY No: 2126 INDEX No: 876

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
180MM	25.3KG	133.7	CEMENTED	
115MM	14.1KG	460.7	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 472.0	GRNL	1.0- 472.0	DENL

CORING RECORD

CONDITION: STORED: *ANAL:

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

FINAL RESULTS

OIL: NIL

GAS: NIL

PRESSURE:

PRODUCING INTVL (m): 429.4- 431.5

PERFORATED: YES OPEN HOLE

FORMATION(S): GRIMSBY

11

CLASS: NPW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: HOUGHTON LOT: 9 CON: ENR

WELL NAME: CONSUMERS 32921 HOUGHTON 3-9-ENR PERMIT NO.: 5194

OPERATOR: CONSUMERS GAS CO.

DRILLING CO: UNDERWATER GAS DEV

GEOLOGY BY: PETROLEUM RESOURCE

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			104.0		
LAKE / GROUND LEVEL				201.8	
DRIFT / LAKE BOTTOM			1.8		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE	85.6		
	DETROIT RIVER	LUCAS	114.6		
		AMHERSTBURG	122.0		
		BOIS BLANC	154.6		
		BASS ISLANDS	184.8		
SILURIAN		G UNIT SHALE	205.5		
		F UNIT SHALE	214.0		
		E UNIT CARB	236.4		
		D UNIT SALT	0.		
		C UNIT SHALE	275.4		
		MARKER	283.4		
		B UNIT SALT	0.		
		ANHY.	297.0		
		CARB	302.0		
		A-2 UNIT SALT	0.		
		ANHY.	315.2		
		CARB	316.9		
		A-1 UNIT EVAP			
	GUELPH		324.2		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	361.0		
		GASPORT	392.5		
		ROCHESTER	396.8		
		IRONDEQUOIT	414.5		
		REYNALES	415.6		
		THOROLD	418.5		
	CATARACT	GRIMSBY	419.6		
		CABOT HEAD	431.0		
		MANITOULIN	448.7		
		WHIRLPOOL	449.9		
ORDOVICIAN		QUEENSTON	453.0		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 473.0 MOC:

REMARKS

FOSSIL HIL 0. D UNIT EQU 270.4 B UNIT EQU 289.2
CRITICAL MISSING SAMPLES
POOR SAMPLE QUALITY
POOR AGREEMENT BETWEEN LOG AND SAMPLES

D.S.T.(S) ON FILE

TREATMENT

TOTAL DEPTH: 473.8M PBTD

RIG TYPE: ROT ELEV: 201.8M+ 1.8M

CO-ORDINATES: 658.6M N; 497.9M E

LATITUDE: 42-40-23 N

LONGITUDE: 80-41-33 W SEQ: 1

CONFIDENTIAL: 1981 02 05

SPUDDED: 1980 02 02

COMPLETED: 1980 02 05

ABANDONED:

SPL. TRAY No: 3986 INDEX No: 869

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
119.0-			FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
180MM	25.3KG	102.3	CEMENTED	
115MM	14.1KG	470.8	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
4.0- 463.9	GRNL	100.0- 463.9	DENL

CORING RECORD

CONDITION: STORED: *ANAL:

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

FINAL RESULTS

OIL: NIL

GAS: NIL

PRESSURE:

PRODUCING INTVL (m): 422.5- 423.6

PERFORATED: YES OPEN HOLE

FORMATION(S): GRIMSBY

NORFOLK COUNTY

CLASS: NPW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: HOUGHTON LOT 9 CON III

WELL NAME: CONSUMERS 32920 HOUGHTON 6-9-III PERMIT NO.: 5193

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH 483.9M PBTD 458.8M

DRILLING CO: UNDERWATER GAS DEV RIG TYPE ROT ELEV 206.7M+ 1.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES 294.0M SI 389.2M E

LATITUDE 42-39-32 N

LONGITUDE 80-39-20 W SEQ 1

CONFIDENTIAL 1981 02 01

SPUDDED 1980 01 28

COMPLETED 1980 02 01

ABANDONED:

SPL TRAY No 2532 INDEX No 868

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 111.0m					
LAKE / GROUND LEVEL				206.7	
DRIFT / LAKE BOTTOM			1.8		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	17.7		
		MARCELLUS	30.1		
	DETROIT RIVER	DUNDEE	90.8		
		LUCAS	95.5		
		AMHERSTBURG	112.9		
		BOIS BLANC	154.9		
		BASS ISLANDS	197.5		
SILURIAN		G UNIT SHALE	215.6		
		F UNIT SHALE	224.0		
		E UNIT CARB	249.5		
		D UNIT SALT	0.		
		C UNIT SHALE	286.8		
		B UNIT MARKER	296.4		
		B UNIT SALT	0.		
		B UNIT ANHY	311.3		
		B UNIT CARB	314.3		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY	327.5		
		A-2 UNIT CARB	328.9		
		A-1 UNIT EVAP	0.		
	GUELPH		335.7		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	342.6		
		GASPORT	0.		
		ROCHESTER	407.3		
		IRONDEQUOIT	0.		
		REYNALES	421.0		
		THOROLD	423.2		
	CATARACT	GRIMSBY	429.9		
		CABOT HEAD	438.0		
		MANITOULIN	456.0		
		WHIRLPOOL	458.2		
ORDOVICIAN	QUEENSTON		460.0		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 481.0m MQC 6

REMARKS

FOSSIL HIL 0. DYER BAY 0. B UNIT EQU 301.6
DE CEW 401.2
ORISKANY AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE; NO LOGS OR SAMPLES

DST(S) ON FILE TREATMENT

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
424.0- 429.9- 431.5	SHOW 1050 M3/D	4826 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE
119.0- 162.0-			FRESH SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
180MM	25.3KG	109.5	CEMENTED	
115MM	14.1KG	475.0	CEMENTED	

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 483.9	GRNL	112.0- 483.9	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

FINAL RESULTS

OIL NIL
GAS 1050 M3/D
PRESSURE 4826 KPA
PRODUCING INTVL (m) 424.9- 431.5
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: HOUGHTON LOT 10 CON VI

WELL NAME: CONSUMERS 32913 HOUGHTON 6-10-VI PERMIT NO.: 4896

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH 475.6M PBTD

DRILLING CO: UNDERWATER GAS DEV RIG TYPE ROT ELEV 202.2M+ 1.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES 385.6M NI 460.5M E

LATITUDE 42-38-29 N

LONGITUDE 80-35-50 W SEQ 1

CONFIDENTIAL 1980 02 20

SPUDDED 1980 01 18

COMPLETED 1980 01 20

ABANDONED 1980 01 21

SPL TRAY No 3765 INDEX No 878

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 108.0m					
LAKE / GROUND LEVEL				202.2	
DRIFT / LAKE BOTTOM			1.8		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	14.6		
		MARCELLUS	40.2		
	DETROIT RIVER	DUNDEE	94.0		
		LUCAS	98.0		
		AMHERSTBURG	106.5		
		BOIS BLANC	134.8		
		BASS ISLANDS	155.8		
SILURIAN		G UNIT SHALE	189.8		
		F UNIT SHALE	214.3		
		E UNIT CARB	221.4		
		D UNIT SALT	245.2		
		C UNIT SHALE	0.		
		B UNIT MARKER	281.6		
		B UNIT SALT	290.8		
		B UNIT ANHY	0.		
		B UNIT CARB	303.4		
		A-2 UNIT SALT	308.8		
		A-2 UNIT ANHY	0.		
		A-2 UNIT CARB	320.8		
		A-1 UNIT EVAP	322.1		
	GUELPH		0.		
	ERAMOSA		327.7		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	334.6		
		ROCHESTER	0.		
		IRONDEQUOIT	402.6		
		REYNALES	0.		
		THOROLD	414.7		
	CATARACT	GRIMSBY	416.9		
		CABOT HEAD	420.9		
		MANITOULIN	431.8		
		WHIRLPOOL	450.2		
ORDOVICIAN	QUEENSTON		453.1		
	MEAFORD-DUNDAS		459.7		
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 479.0m MQC 6

REMARKS

DYER BAY 0. FOSSIL HIL 0. D UNIT EQU 277.1
B UNIT EQU 296.2 DE CEW 394.9
ORISKANY AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE; NO LOGS OR SAMPLES

DST(S) ON FILE TREATMENT

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
180MM	25.3KG	99.9	CEMENTED	

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 472.8	GRNL	98.0- 471.0	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

CLASS NPW FIELD/POOL STATUS GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP HOUSTON LOT 17 CON II

WELL NAME: CONSUMERS 32925 HOUSHTON 7-17-II PERMIT NO.: 5195

OPERATOR CONSUMERS GAS CO.

DRILLING CO UNDERWATER GAS DEV

GEOLOGY BY PETROLEUM RESOURCE

TOTAL DEPTH 465.0M PBTD

RIG TYPE ROT ELEV 216.5M+ 1.8M

CO-ORDINATES 410.2M N; 239.9M E

LATITUDE 42-42-46 N

LONGITUDE 80-40-15 W SEQ 1

CONFIDENTIAL 1981 02 15

SPUDDED 1980 02 11

COMPLETED 1980 02 13

ABANDONED

SPL TRAY No 3918 INDEX No 873

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 98.0m					
LAKE / GROUND LEVEL				216.5	
DRIFT / LAKE BOTTOM			1.8		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	23.0		
		MARCELLUS	38.0		
		DUNDEE	82.0		
	DETROIT RIVER	LUCAS	98.2		
		AMHERSTBURG	117.9		
		BOIS BLANC	145.2		
		BASS ISLANDS	178.0		
SILURIAN		G UNIT SHALE	198.2		
		F UNIT SHALE	205.8		
		E UNIT CARB	231.1		
		D UNIT SALT	0.		
		C UNIT SHALE	267.8		
		B UNIT MARKER	276.4		
		B UNIT SALT	0.		
		B UNIT ANHY	289.3		
		B UNIT CARB	293.9		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY	307.7		
		A-2 UNIT CARB	308.9		
		A-1 UNIT EVAP.	0.		
	GUELPH		312.5		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	323.6		
		GASPORT	0.		
		ROCHESTER	391.7		
		IRONDEQUOIT	0.		
		REYNALES	402.5		
		THOROLD	405.2		
	CATARACT	GRIMSBY	407.7		
		CABOT HEAD	419.0		
		MANITOULIN	436.6		
		WHIRLPOOL	438.6		
ORDOVICIAN	QUEENSTON		440.0		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 461.0m			MOC		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
180MM	25.3KG	96.0	CEMENTED	
115MM	14.1KG	461.3	CEMENTED	

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 463.0	GRNL	97.0- 460.0	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 264.3
B UNIT EQU 281.9 DE CEW 384.5
ORISKANY AT BASE OF BOIS BLANC
UPPER PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE 448 KPA
PRODUCING INTVL (m) 407.5- 410.4
PERFORATED YES OPEN HOLE
FORMATION(S) THOROLD GRIMSBY

D.S.T.(S) ON FILE TREATMENT

CLASS NPW FIELD/POOL STATUS DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP HOUSTON LOT 18 CON ENR

WELL NAME: CONSUMERS 32926 HOUSHTON 9-18-ENR PERMIT NO.: 5200

OPERATOR CONSUMERS GAS CO.

DRILLING CO UNDERWATER GAS DEV

GEOLOGY BY PETROLEUM RESOURCE

TOTAL DEPTH 464.9M PBTD

RIG TYPE ROT ELEV 220.8M+ 1.8M

CO-ORDINATES 140.7M S; 490.8M W

LATITUDE 42-43-31 N

LONGITUDE 80-41-41 W SEQ 1

CONFIDENTIAL 1981 02 16

SPUDDED 1980 02 14

COMPLETED 1980 02 16

ABANDONED 1980 02 17

SPL TRAY No 3880 INDEX No 877

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 111.0m					
LAKE / GROUND LEVEL				220.8	
DRIFT / LAKE BOTTOM			1.8		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	20.2		
		MARCELLUS	28.9		
		DUNDEE	81.7		
	DETROIT RIVER	LUCAS	101.0		
		AMHERSTBURG	119.5		
		BOIS BLANC	151.8		
		BASS ISLANDS	182.2		
SILURIAN		G UNIT SHALE	196.5		
		F UNIT SHALE	204.4		
		E UNIT CARB	229.8		
		D UNIT SALT	0.		
		C UNIT SHALE	264.8		
		B UNIT MARKER	273.5		
		B UNIT SALT	0.		
		B UNIT ANHY	287.7		
		B UNIT CARB	290.7		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY	305.0		
		A-2 UNIT CARB	306.6		
		A-1 UNIT EVAP.	0.		
	GUELPH		312.4		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	329.6		
		GASPORT	0.		
		ROCHESTER	398.0		
		IRONDEQUOIT	0.		
		REYNALES	409.0		
		THOROLD	407.8		
	CATARACT	GRIMSBY	409.6		
		CABOT HEAD	420.0		
		MANITOULIN	437.4		
		WHIRLPOOL	440.0		
ORDOVICIAN	QUEENSTON		441.1		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 440.0m			MOC		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
180MM	25.3KG	99.4	CEMENTED	

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 455.5	GRNL	96.8- 453.0	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. B UNIT EQU 279.3
DE CEW 387.4
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: NFW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: HOUSHTON LOT: 18 CON: WNR

WELL NAME: CONSUMERS 32927 HOUGHTON 3-18-WNR PERMIT NO.: 5201

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 457.0M P.B.T.D

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 221.9M+ 1.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 661.9M N; 369.4M W

LATITUDE: 42-43-53 N

LONGITUDE: 80-42-28 W SEQ: 1

CONFIDENTIAL: 1981 02 19

SPUDDED: 1980 02 17

COMPLETED: 1980 02 19

ABANDONED: 1980 02 20

SPL. TRAY No: 3911 INDEX No: 870

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK. m
SAMPLES START AT 96.0m					
LAKE / GROUND LEVEL				221.9	
DRIFT / LAKE BOTTOM			1.8		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
	DETROIT RIVER	DUNDEE			
		LUCAS			
		AMHERSTBURG			
		BOIS BLANC	133.0		
		BASS ISLANDS	163.5		
SILURIAN		G UNIT SHALE	190.8		
		F UNIT SHALE	199.5		
		E UNIT CARB.	224.0		
		D UNIT SALT	0.		
		C UNIT SHALE	261.5		
		B UNIT MARKER			
		B UNIT SALT	0.		
		B UNIT ANHY.	286.3		
		A-2 UNIT CARB.	298.0		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	305.9		
		A-1 UNIT CARB.	306.5		
		A-1 UNIT EVAP.	0.		
	QUELPH		310.5		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	324.0		
		GASPORT	0.		
		ROCHESTER	394.2		
		IRONDEQUOIT	0.		
	CATARACT	REYNALES	405.5		
		THOROLD	409.8		
		GRIMSBY	411.5		
		CABOT HEAD	421.8		
		MANITOULIN	437.5		
		WHIRLPOOL	439.9		
ORDOVICIAN		QUEENSTON	441.8		
	TRENTON	MEAFORD - DUNDAS			
		COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 451.0m			MOC	4	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
180MM	25.3KG	94.3	CEMENTED	

LOGGING RECORD

LOGGING CO

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. DE CEW 387.5
NO LOGS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 46 CON: K

WELL NAME: PLACE MITCHELL LAKE ERIE 46-K PERMIT NO.: 5225

OPERATOR: MITCHELL ENERGY TOTAL DEPTH: 356.0M P.B.T.D

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.3M+12.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-42-47 N

LONGITUDE: 80-05-37 W SEQ: 1

CONFIDENTIAL: 1980 06 12

SPUDDED: 1980 05 05

COMPLETED: 1980 05 12

ABANDONED: 1980 06 12

SPL. TRAY No: 2387 INDEX No: 681

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK. m
SAMPLES START AT 90.0m					
LAKE / GROUND LEVEL			12.8	174.3	
DRIFT / LAKE BOTTOM			28.8		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
	DETROIT RIVER	DUNDEE	33.0		
		LUCAS	0.		
		AMHERSTBURG	48.0		
		BOIS BLANC	63.5		
		BASS ISLANDS	77.5		
SILURIAN		G UNIT SHALE	98.6		
		F UNIT SHALE	104.6		
		E UNIT CARB.	126.8		
		D UNIT SALT	0.		
		C UNIT SHALE	164.2		
		B UNIT MARKER	170.8		
		B UNIT SALT	0.		
		B UNIT ANHY.	183.8		
		A-2 UNIT CARB.	187.6		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	190.9		
		A-1 UNIT CARB.	191.9		
		A-1 UNIT EVAP.	0.		
	QUELPH		203.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	235.6		
		GASPORT	256.5		
		ROCHESTER	282.3		
		IRONDEQUOIT	0.		
	CATARACT	REYNALES	290.1		
		THOROLD	299.2		
		GRIMSBY	300.7		
		CABOT HEAD	314.3		
		MANITOULIN	0.		
		WHIRLPOOL	338.2		
ORDOVICIAN		QUEENSTON	342.2		
	TRENTON	MEAFORD - DUNDAS			
		COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 356.0m			MOC	6	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
315.0- 317.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
219MM	35.7KG	86.9	CEMENTED	28.6
114MM	14.1KG	354.5	CEMENTED	28.6
60MM	7.0KG	29.9	HANGING	28.6

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
120.0- 341.0	CMPL	87.0- 355.7	GRNL
190.0- 353.0	LATL	87.0- 355.7	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DE CEW 0. FOSSIL HIL 0. DYER BAY 0.
0 UNIT EQU 158.0 B UNIT EQU 175.9
SOME PICKS INTERPRETIVE. NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS 5 M3/D
PRESSURE
PRODUCING INTVL (m) 307.5- 341.5
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY WHIRLPOOL

D.S.T.(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 88 CON: 6

WELL NAME: ANSCHUTZ #4 LAKE ERIE 88-6 PERMIT NO.: 5361

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 484.0M P.B.T.D.

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV: 174.6M+ 5.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-33-11 N

LONGITUDE: 79-56-13 W SEQ: 1

CONFIDENTIAL: 1981 07 25

SPUDDED: 1980 07 20

COMPLETED: 1980 07 25

ABANDONED:

SPL. TRAY No. 4213 INDEX No. 904

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 180.0				
LAKE / GROUND LEVEL		5.8	174.6	
DRIFT / LAKE BOTTOM		62.2		
DEVONIAN	PRT. LAMBTON	0.		
	HAMILTON KETTLE POINT	0.		
	HAMILTON MARCELLUS	0.		
	DUNDEE	0.		
	DETROIT RIVER LUCAS	0.		
	DETROIT RIVER AMHERSTBURG	128.0		
	BOIS BLANC	173.4		
SILURIAN	BASS ISLANDS	190.0		
	G UNIT SHALE	214.9		
	F UNIT SHALE	222.2		
	E UNIT CARB	249.0		
	D UNIT SALT	0.		
	C UNIT SHALE	281.4		
	B UNIT MARKER	289.5		
	B UNIT SALT	0.		
	B UNIT ANHY.			
	A-2 UNIT CARB	303.1		
	A-2 UNIT SALT	0.		
	A-2 UNIT ANHY.	0.		
	A-1 UNIT CARB	315.6		
	A-1 UNIT EVAP.	0.		
	GUELPH	321.0		
	ERAMOSA	0.		
	AMABEL GOAT ISLAND			
	AMABEL GASPORT			
	AMABEL ROCHESTER	406.0		
	AMABEL IRONDEQUOIT	416.8		
	AMABEL REYNALES	418.0		
	AMABEL THOROLD	0.		
	CATARACT GRIMSBY	421.0		
	CATARACT CABOT HEAD	438.4		
	CATARACT MANITOULIN			
	CATARACT WHIRLPOOL	461.3		
ORDOVICIAN	QUEENSTON	467.0		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	TRENTON VERULAM			
	TRENTON KIRKFIELD			
	BLACK RIVER COBOCONK			
	BLACK RIVER GULL RIVER			
	BLACK RIVER SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 484.0		MOC:		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
427.0-	SHOW	
440.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	150.7	CEMENTED	
114MM	14.1KG	481.3	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
60.0- 485.0	GRNL	150.0- 485.0	DENL
150.0- 485.0	IES	150.0- 485.0	SONL
60.0- 485.0	CALP	370.0- 470.0	CMPL

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

D UNIT EQU 276.0 B UNIT EQU 295.4 DE CEW 388.8
SPRINGVALE AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
CRITICAL MISSING SAMPLES

FINAL RESULTS

OIL: NIL
GAS: 1379 M3/D
PRESSURE: 4760 KPA
PRODUCING INTVL (m): 442.8- 443.5, 464.5- 467.0
PERFORATED: YES OPEN HOLE:
FORMATION(S): CABOT HEAD, GRIMSBY, WHIRLPOOL

DST(s) ON FILE: TREATMENT:

CLASS: EXTEN FIELD/POOL: NORFOLK STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 89 CON: H

WELL NAME: ANSCHUTZ #4 LAKE ERIE 89-H PERMIT NO.: 5417

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 495.0M P.B.T.D.

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV: 174.7M+ 6.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-32-15 N

LONGITUDE: 80-02-15 W SEQ: 1

CONFIDENTIAL: 1981 07 30

SPUDDED: 1980 07 27

COMPLETED: 1980 07 30

ABANDONED:

SPL. TRAY No. 5251 INDEX No. 895

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 184.0				
LAKE / GROUND LEVEL		0.2	174.7	
DRIFT / LAKE BOTTOM		49.9		
DEVONIAN	PRT. LAMBTON	0.		
	HAMILTON KETTLE POINT	0.		
	HAMILTON MARCELLUS	0.		
	DUNDEE	0.		
	DETROIT RIVER LUCAS			
	DETROIT RIVER AMHERSTBURG	154.2		
	BOIS BLANC	180.6		
SILURIAN	BASS ISLANDS	199.5		
	G UNIT SHALE	222.8		
	F UNIT SHALE	229.0		
	E UNIT CARB	252.9		
	D UNIT SALT	0.		
	C UNIT SHALE	288.9		
	B UNIT MARKER	297.9		
	B UNIT SALT	0.		
	B UNIT ANHY.	311.4		
	A-2 UNIT CARB	316.0		
	A-2 UNIT SALT	0.		
	A-2 UNIT ANHY.	324.1		
	A-1 UNIT CARB	325.9		
	A-1 UNIT EVAP.			
	GUELPH	330.7		
	ERAMOSA	0.		
	AMABEL GOAT ISLAND	342.9		
	AMABEL GASPORT	379.0		
	AMABEL ROCHESTER	415.6		
	AMABEL IRONDEQUOIT	420.1		
	AMABEL REYNALES	427.3		
	AMABEL THOROLD	430.3		
	CATARACT GRIMSBY	437.0		
	CATARACT CABOT HEAD	448.5		
	CATARACT MANITOULIN			
	CATARACT WHIRLPOOL	472.6		
ORDOVICIAN	QUEENSTON	466.8		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	TRENTON VERULAM			
	TRENTON KIRKFIELD			
	BLACK RIVER COBOCONK			
	BLACK RIVER GULL RIVER			
	BLACK RIVER SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 453.0		MOC:		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
428.0- 462.0	2342 M3/D	4749 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	80.4KG	145.6	CEMENTED	
194MM	29.8KG	181.2	CEMENTED	
114MM	15.6KG	480.9	CEMENTED	
60MM	6.9KG	432.4	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
180.5- 495.0	DENL	34.0- 495.0	GRNL
430.0- 484.0	CMPL	180.5- 495.0	SONL
180.5- 495.0	IES	34.0- 495.0	CALP

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 283.7
B UNIT EQU 303.1 DE CEW 397.8
SPRINGVALE AT BASE OF BOIS BLANC
CRITICAL MISSING SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL: NIL
GAS: 2342 M3/D
PRESSURE: 4749 KPA
PRODUCING INTVL (m): 446.3- 447.2, 456.1- 458.5
PERFORATED: OPEN HOLE:
FORMATION(S): CABOT HEAD, GRIMSBY

DST(s) ON FILE: TREATMENT:

CLASS: NPW FIELD/POOL:
STATUS: DRY HOLE -ABD
COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 89 CON: Y
WELL NAME: ANSCHUTZ 89 LAKE ERIE 89-Y PERMIT NO.: 5364
OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 520.0M P.B.T.D.
DRILLING CO.: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV: 174.6M+ 6.3M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 223.0				
LAKE / GROUND LEVEL		6.3	174.6	
DRIFT / LAKE BOTTOM				
DEVONIAN	PRT. LAMBTON			
	HAMILTON: KETTLE POINT			
	HAMILTON: MARCELLUS			
	HAMILTON: DUNDEE			
	DETROIT RIVER: LUCAS			
	DETROIT RIVER: AMHERSTBURG	148.8		
	DETROIT RIVER: BOIS BLANC	200.0		
	DETROIT RIVER: BASS ISLANDS	223.0		
SILURIAN	G UNIT SHALE	247.1		
	F UNIT SHALE	253.8		
	E UNIT CARB	282.1		
	D UNIT SALT	0.		
	C UNIT SHALE	315.4		
	MARKER	325.2		
	B UNIT SALT	0.		
	B UNIT ANHY	0.		
	B UNIT CARB	338.9		
	A-2 UNIT SALT	0.		
	A-2 UNIT ANHY	0.		
	A-1 UNIT CARB	351.4		
	A-1 UNIT EVAP	0.		
	GUELPH	355.8		
	ERAMOSA	0.		
	AMABEL: GOAT ISLAND	421.5		
	AMABEL: GASPORT	0.		
	AMABEL: ROCHESTER	436.3		
	AMABEL: IRONDEQUOIT	450.2		
	CATARACT: REYNALES	452.0		
	CATARACT: THOROLD	456.2		
	CATARACT: GRIMSBY	460.0		
	CATARACT: CABOT HEAD	472.1		
	CATARACT: MANITOULIN			
	CATARACT: WHIRLPOOL	493.2		
ORDOVICIAN	QUEENSTON	500.6		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON: COBOURG			
	TRENTON: VERULAM			
	TRENTON: KIRKFIELD			
	BLACK RIVER: COBOCONK			
	BLACK RIVER: GULL RIVER			
	BLACK RIVER: SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 520.0		MQC: 7		

LATITUDE: 42-30-18 N
LONGITUDE: 80-04-14 W SEC: 1
CONFIDENTIAL: 1981 08 07
SPUDDED: 1980 08 03
COMPLETED: 1980 08 07
ABANDONED: 1980 08 08
SPL. TRAY No: 5251 INDEX No: 897

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	168.9	CEMENTED	
193MM	29.8KG	207.1	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
57.0- 519.5	GRNL	207.0- 519.5	CALP
207.0- 519.0	IES		

CORING RECORD

CONDITION: STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 310.6
UNIT EQU 333.3 DE CEN 431.9
SPRINGVALE AT BASE OF BOIS BLANC
POOR SAMPLE QUALITY

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED: OPEN HOLE
FORMATION(S):

D.S.Y.(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL:
STATUS: GAS PRODUCER
COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 90 CON: Y
WELL NAME: ANSCHUTZ 89 LAKE ERIE 90-V PERMIT NO.: 5372
OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 525.0M P.B.T.D.
DRILLING CO.: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV: 174.7M+ 6.3M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 212.0				
LAKE / GROUND LEVEL		6.3	174.7	
DRIFT / LAKE BOTTOM		53.9		
DEVONIAN	PRT. LAMBTON			
	HAMILTON: KETTLE POINT			
	HAMILTON: MARCELLUS			
	HAMILTON: DUNDEE			
	DETROIT RIVER: LUCAS			
	DETROIT RIVER: AMHERSTBURG	147.2		
	DETROIT RIVER: BOIS BLANC	197.0		
	DETROIT RIVER: BASS ISLANDS	215.0		
SILURIAN	G UNIT SHALE	246.0		
	F UNIT SHALE	252.6		
	E UNIT CARB	275.0		
	D UNIT SALT	0.		
	C UNIT SHALE	312.8		
	MARKER	322.0		
	B UNIT SALT	0.		
	B UNIT ANHY	335.4		
	B UNIT CARB	340.6		
	A-2 UNIT SALT	0.		
	A-2 UNIT ANHY	349.8		
	A-1 UNIT CARB	352.3		
	A-1 UNIT EVAP	0.		
	GUELPH	355.8		
	ERAMOSA	0.		
	AMABEL: GOAT ISLAND	420.0		
	AMABEL: GASPORT	434.4		
	AMABEL: ROCHESTER	437.7		
	AMABEL: IRONDEQUOIT	0.		
	CATARACT: REYNALES	450.3		
	CATARACT: THOROLD	459.3		
	CATARACT: GRIMSBY	458.0		
	CATARACT: CABOT HEAD	473.3		
	CATARACT: MANITOULIN	0.		
	CATARACT: WHIRLPOOL	495.0		
ORDOVICIAN	QUEENSTON	500.5		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON: COBOURG			
	TRENTON: VERULAM			
	TRENTON: KIRKFIELD			
	BLACK RIVER: COBOCONK			
	BLACK RIVER: GULL RIVER			
	BLACK RIVER: SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 524.0		MQC: 6		

LATITUDE: 42-30-11 N
LONGITUDE: 80-06-15 W SEC: 1
CONFIDENTIAL: 1981 08 16
SPUDDED: 1980 08 09
COMPLETED: 1980 08 16
ABANDONED:
SPL. TRAY No: 5837 INDEX No: 899

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
453.0- 473.0	2266 M3/D	4684 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	163.5	CEMENTED	
194MM	29.8KG	205.0	CEMENTED	
114MM	15.6KG	517.8	CEMENTED	
60MM	6.9KG	437.6	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
203.0- 524.2	GRNL	203.0- 524.2	DENL
203.0- 524.2	CALP	203.0- 523.7	IES
439.0- 512.0	CMPL		

CORING RECORD

CONDITION: STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEN 0.
UNIT EQU 308.3 B UNIT EQU 327.6
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL: NIL
GAS: 2266 M3/D
PRESSURE: 4626 KPA
PRODUCING INTVL (m): 456.5- 458.0
494.2- 494.9 499.3- 505.7
PERFORATED: YES OPEN HOLE
FORMATION(S): THOROLD
CABOT HEAD WHIRLPOOL

1 D.S.Y.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 90 CON: X

WELL NAME: ANSCHUTZ #4 LAKE ERIE 90-X PERMIT NO.: 5359

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 528.0M P.B.T.D.

DRILLING CO.: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.6M+ 5.9M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-30-15 N

LONGITUDE: 80-08-18 W SEQ: 1

CONFIDENTIAL: 1980 09 16

SPUDDED: 1980 08 13

COMPLETED: 1980 08 16

ABANDONED: 1980 08 18

SPL. TRAY No. 4101 INDEX No. 903

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 147.0					
LAKE / GROUND LEVEL			5.9	174.6	
DRIFT / LAKE BOTTOM			47.5		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	139.0		
		BOIS BLANC	176.5		
		BASS ISLANDS	207.2		
SILURIAN		G UNIT SHALE	293.1		
		F UNIT SHALE	249.3		
		E UNIT CARB.	272.0		
		D UNIT SALT	0.		
		C UNIT SHALE	310.4		
		B UNIT MARKER	319.3		
		B UNIT SALT	0.		
		B UNIT ANHY.	0.		
		B UNIT CARB.	332.4		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	0.		
		A-1 UNIT CARB.	346.0		
		A-1 UNIT EVAP.	0.		
	GUELPH		349.5		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	438.0		
		IRONDEQUOIT	451.3		
		REYNALES	452.0		
		THOROLD	455.2		
	CATARACT	GRIMSBY	460.0		
		CABOT HEAD	473.3		
		MANITOULIN	492.8		
		WHIRLPOOL	498.3		
ORDOVICIAN		QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 526.0P			MDC:		7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
335.0- 340.0	SHOW	
435.0- 440.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	143.7	CEMENTED	
194MM	39.3KG	189.4	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
48.0- 529.0	GRNL	48.0- 529.0	CALP
188.0- 529.0	DENL	188.0- 529.0	LATL
188.0- 529.0	SONL		

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

D UNIT EQU 304.7 B UNIT EQU 324.6 DE CEW 417.6
SPRINGVALE AT BASE OF BOIS BLANC
LOG AND SAMPLE DEPTHS DISAGREE BY A CONSTANT FACTOR

FINAL RESULTS

OIL NIL
GAS SHOW
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(s) ON FILE TREATMENT:

11

CLASS: NPW FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 91 CON: N

WELL NAME: ANSCHUTZ #4 LAKE ERIE 91-N PERMIT NO.: 5396

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 500.6M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+ 6.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-32-15 N

LONGITUDE: 80-13-15 W SEQ: 1

CONFIDENTIAL: 1981 08 07

SPUDDED: 1980 08 03

COMPLETED: 1980 08 07

ABANDONED: 1980 08 07

SPL. TRAY No. 3434 INDEX No. 889

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 150.0					
LAKE / GROUND LEVEL			6.8	174.7	
DRIFT / LAKE BOTTOM			15.6		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE	114.0		
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	152.8		
		BOIS BLANC	165.0		
		BASS ISLANDS	181.0		
SILURIAN		G UNIT SHALE	211.2		
		F UNIT SHALE	219.2		
		E UNIT CARB.	242.1		
		D UNIT SALT	0.		
		C UNIT SHALE	270.6		
		B UNIT MARKER	288.2		
		B UNIT SALT	0.		
		B UNIT ANHY.	300.4		
		B UNIT CARB.	309.8		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY.	315.0		
		A-1 UNIT CARB.	315.8		
		A-1 UNIT EVAP.			
	GUELPH		318.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	411.9		
		IRONDEQUOIT			
		REYNALES	423.9		
		THOROLD	427.8		
	CATARACT	GRIMSBY			
		CABOT HEAD	446.9		
		MANITOULIN			
		WHIRLPOOL	469.6		
ORDOVICIAN		QUEENSTON	471.8		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 501.0P			MDC:		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	47.6KG	145.8	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
15.0- 500.0	GRNL	15.0- 500.0	CALP
147.0- 496.0	DENL	147.0- 496.0	LATL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EQU 273.0
B UNIT EQU 293.6 DE CEW 389.8
POOR SAMPLE QUALITY
CRITICAL MISSING SAMPLES
POOR AGREEMENT BETWEEN LOG AND SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(s) ON FILE TREATMENT: ACID

NORFOLK COUNTY

155

CLASS: EXTEN FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 91 CON: U

WELL NAME: ANSCHUTZ #4 LAKE ERIE 91-U PERMIT NO.: 5374

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 526.0M P.B.T.D.

DRILLING CO. ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV. 174.7M+ 6.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 200.0'					
LAKE / GROUND LEVEL			6.3	174.7	
DRIFT / LAKE BOTTOM			41.4		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
	DETROIT RIVER	DUNDEE	131.6		
		LUCAS	0.		
		AMHERSTBURG	160.1		
		BOIS BLANC	167.1		
		BASS ISLANDS	200.2		
SILURIAN		G UNIT SHALE	232.4		
		F UNIT SHALE	239.8		
		E UNIT CARB.	267.0		
		D UNIT SALT	0.		
		C UNIT SHALE	302.0		
		MARKER	310.2		
		B UNIT SALT	0.		
		ANHY.			
		CARB.	325.2		
		A-2 UNIT SALT	0.		
		ANHY.	0.		
		CARB.	338.2		
		A-1 UNIT EVAP.	0.		
	GUELPH		342.0		
	BRAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	432.0		
		IRONDEQUOIT	0.		
		REYNALES	445.9		
		THOROLD	449.2		
	CATARACT	GRIMSBY	452.8		
		CABOT HEAD	467.2		
		MANITOULIN	0.		
		WHIRLPOOL	487.7		
ORDOVICIAN	QUEENSTON		493.0		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 526.0' MOC: 7

LATITUDE: 42-30-16 N

LONGITUDE: 80-10-17 W SEQ: 1

CONFIDENTIAL: 1981 08 20

SPUDDED: 1980 08 16

COMPLETED: 1980 08 20

ABANDONED: 1980 08 20

SPL. TRAY No. 5171 INDEX No. 908

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	154.5	CEMENTED	
194MM	29.8KG	193.5	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
42.5- 519.0	GRNL	42.5- 519.0	CALP
192.0- 523.0	LATL	192.0- 523.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EGU 294.9
B UNIT EGU 316.2 DE CEW 411.3
LOG AND SAMPLE DEPTHS DISAGREE BY A CONSTANT FACTOR
POOR SAMPLE QUALITY

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 91 CON: W

WELL NAME: ANSCHUTZ #4 LAKE ERIE 91-W PERMIT NO.: 5358

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 509.0M P.B.T.D.

DRILLING CO. UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+ 6.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 132.0'					
LAKE / GROUND LEVEL			6.4	174.7	
DRIFT / LAKE BOTTOM			36.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
	DETROIT RIVER	DUNDEE	122.4		
		LUCAS	0.		
		AMHERSTBURG	143.0		
		BOIS BLANC	178.3		
		BASS ISLANDS	194.4		
SILURIAN		G UNIT SHALE	229.0		
		F UNIT SHALE	236.4		
		E UNIT CARB.	259.6		
		D UNIT SALT	0.		
		C UNIT SHALE	296.7		
		MARKER	305.4		
		B UNIT SALT	0.		
		ANHY.	318.2		
		CARB.	323.4		
		A-2 UNIT SALT	0.		
		ANHY.	329.0		
		CARB.	330.4		
		A-1 UNIT EVAP.	0.		
	GUELPH		336.0		
	BRAMOSA		0.		
	AMABEL	GOAT ISLAND	404.4		
		GASPORT	421.0		
		ROCHESTER	425.0		
		IRONDEQUOIT	0.		
		REYNALES	437.4		
		THOROLD	441.3		
	CATARACT	GRIMSBY	445.3		
		CABOT HEAD	457.3		
		MANITOULIN	0.		
		WHIRLPOOL	483.3		
ORDOVICIAN	QUEENSTON		485.4		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 510.0' MOC: 6

LATITUDE: 42-30-14 N

LONGITUDE: 80-12-14 W SEQ: 1

CONFIDENTIAL: 1980 09 15

SPUDDED: 1980 08 13

COMPLETED: 1980 08 15

ABANDONED: 1980 08 16

SPL. TRAY No. 5231 INDEX No. 909

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
244MM	53.6KG	133.3	CEMENTED	
175MM	29.8KG	227.6	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
230.0- 509.0	LATL	30.0- 508.5	GRNL
30.0- 508.5	DENL	30.0- 508.5	CALP

CORING RECORD

CONDITION	STORED		*ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

REMARKS

DYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EGU 291.6 B UNIT EGU 310.7
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 92 CON: R

WELL NAME: ANSCHUTZ #4 LAKE ERIE 92-R PERMIT NO.: 5459

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 505.5M P.B.T.D

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV: 174.6M+ 5.9M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 180.0			
LAKE / GROUND LEVEL	5.9	174.6	
DRIFT / LAKE BOTTOM	21.9		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON			
DEVONIAN — MARCELLUS			
DEVONIAN — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG	141.7		
DEVONIAN — DETROIT RIVER — BOIS BLANC	170.1		
DEVONIAN — DETROIT RIVER — BASE ISLANDS	193.0		
SILURIAN — G UNIT SHALE	220.5		
SILURIAN — F UNIT SHALE	228.5		
SILURIAN — E UNIT CARB.	250.0		
SILURIAN — D UNIT SALT	0.		
SILURIAN — C UNIT SHALE	287.5		
SILURIAN — C UNIT MARKER	296.2		
SILURIAN — B UNIT SALT	0.		
SILURIAN — B UNIT ANHY.	0.		
SILURIAN — B UNIT CARB.	309.2		
SILURIAN — A-2 UNIT SALT	0.		
SILURIAN — A-2 UNIT ANHY.	0.		
SILURIAN — A-1 UNIT CARB.	323.0		
SILURIAN — A-1 UNIT EVAP			
SILURIAN — GUELPH	328.9		
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND	399.7		
SILURIAN — AMABEL — GASPORT	410.7		
SILURIAN — AMABEL — ROCHESTER	419.5		
SILURIAN — AMABEL — IRONDEQUOIT	0.		
SILURIAN — AMABEL — REYNALES	432.0		
SILURIAN — AMABEL — THOROLD	435.3		
SILURIAN — AMABEL — GRIMSBY	439.6		
SILURIAN — CATARACT — CABOT HEAD	451.6		
SILURIAN — CATARACT — MANITOULIN	474.3		
SILURIAN — CATARACT — WHIRLPOOL	476.5		
ORDOVICIAN — QUEENSTON	479.0		
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 506.0		MOC:	7

LATITUDE: 42-31-19 N

LONGITUDE: 80-17-16 W SEQ 1

CONFIDENTIAL: 1981 09 18

SPUDDED: 1980 09 11

COMPLETED: 1980 09 18

ABANDONED:

SPL. TRAY No 6109 INDEX No 901

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
433.0- 453.0	3370 M3/D	4857 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	138.5	CEMENTED	
194MM	39.3KG	176.8	CEMENTED	
114MM	17.3KG	464.0	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 505.5	GRNL	20.0- 505.5	CALP
177.5- 505.0	DENL	177.5- 505.0	LATL
177.5- 505.0	SONL	390.0- 464.0	CMPL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

E CEW 0. FOSSIL HIL 0. DYER BAY 0.
) UNIT EQU 282.2 B UNIT EQU 301.5
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL

GAS 3370 M3/D

PRESSURE 4859 KPA

PRODUCING INTVL (m) 437.0- 439.5

PERFORATED YES OPEN HOLE

FORMATION(S) THOROLD

1 D.S.T.(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 92 CON: T

WELL NAME: ANSCHUTZ #4 LAKE ERIE 92-T PERMIT NO.: 5460

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 505.0M P.B.T.D

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV: 174.6M+ 6.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 190.0			
LAKE / GROUND LEVEL	6.3	174.6	
DRIFT / LAKE BOTTOM	22.3		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON			
DEVONIAN — MARCELLUS			
DEVONIAN — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG	117.0		
DEVONIAN — DETROIT RIVER — BOIS BLANC	177.8		
DEVONIAN — DETROIT RIVER — BASE ISLANDS	182.0		
SILURIAN — G UNIT SHALE	220.0		
SILURIAN — F UNIT SHALE	229.0		
SILURIAN — E UNIT CARB.	252.0		
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE	289.7		
SILURIAN — C UNIT MARKER	298.0		
SILURIAN — B UNIT SALT			
SILURIAN — B UNIT ANHY.	311.4		
SILURIAN — B UNIT CARB.	316.3		
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY.	325.4		
SILURIAN — A-1 UNIT CARB.	327.4		
SILURIAN — A-1 UNIT EVAP			
SILURIAN — GUELPH	329.5		
SILURIAN — ERAMOSA			
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT			
SILURIAN — AMABEL — ROCHESTER	419.0		
SILURIAN — AMABEL — IRONDEQUOIT	431.0		
SILURIAN — AMABEL — REYNALES	432.7		
SILURIAN — AMABEL — THOROLD	435.2		
SILURIAN — AMABEL — GRIMSBY	441.6		
SILURIAN — CATARACT — CABOT HEAD	450.4		
SILURIAN — CATARACT — MANITOULIN			
SILURIAN — CATARACT — WHIRLPOOL	476.9		
ORDOVICIAN — QUEENSTON	478.5		
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 505.0		MOC:	6

LATITUDE: 42-31-18 N

LONGITUDE: 80-15-13 W SEQ 1

CONFIDENTIAL: 1981 09 09

SPUDDED: 1980 09 06

COMPLETED: 1980 09 09

ABANDONED: 1980 09 10

SPL. TRAY No 6109 INDEX No 900

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.3KG	139.5	CASING SHOE	
193MM	29.3KG	175.0	CASING SHOE	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
175.0- 504.5	IES	20.0- 504.5	GRNL
20.0- 504.5	DENL	20.0- 504.5	CALP

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

) UNIT EQU 284.5 B UNIT EQU 304.2 DE CEW 396.6
POOR AGREEMENT BETWEEN LOG AND SAMPLES

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

41

NORFOLK COUNTY

157

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 92 CON: W

WELL NAME: ANSCHUTZ #3 LAKE ERIE 92-W PERMIT NO.: 5500

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 518.7M P.B.T.D

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+ 6.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-30-15 N

LONGITUDE: 80-17-47 W SEC 1

CONFIDENTIAL: 1980 11 15

SPUDDED: 1980 10 10

COMPLETED: 1980 10 15

ABANDONED: 1980 10 15

SPL. TRAY No: 5781 INDEX No: 918

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 132.0					
LAKE / GROUND LEVEL			6.3	174.7	
DRIFT / LAKE BOTTOM			25.7		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
			0.		
		MARCELLUS	0.		
	DUNDEE		124.4		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	162.2		
	BOIS BLANC		179.3		
SILURIAN	BASS ISLANDS		199.2		
	G UNIT	SHALE	229.5		
	F UNIT	SHALE	235.9		
	E UNIT	CARB.	259.2		
	D UNIT	SALT	0.		
	C UNIT	SHALE	296.6		
		MARKER	305.0		
	B UNIT	SALT	0.		
		ANHY.	316.3		
		CARB.	323.4		
	A-2 UNIT	SALT	0.		
		ANHY.	333.0		
	A-1 UNIT	CARB.	334.0		
		EVAP.	0.		
	GUELPH		337.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	429.5		
		IRONDEQUOIT	0.		
		REYNALES	442.2		
		THOROLD	445.9		
	CATARACT	GRIMSBY	449.8		
		CABOT HEAD	462.0		
		MANITOULIN	483.2		
		WHIRLPOOL	487.3		
ORDOVICIAN	QUEENSTON		488.9		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 518.7 MOC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
444.0- 469.0	SHOW	4420 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
244MM	54.0KG	133.0	CEMENTED	
178MM	30.0KG	217.2	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 518.0	GRNL	20.0- 518.0	CALP
217.0- 518.0	LATL	217.0- 518.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 291.7
B UNIT EQU 310.4 DE CEW 404.7
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL: NIL
GAS: SHOW
PRESSURE: 4420 KPA

PRODUCING INTVL (m):

PERFORATED OPEN HOLE

FORMATION(S)

1 D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 93 CON: W

WELL NAME: CONSUMERS 13649 LAKE ERIE 93-W PERMIT NO.: 5239

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 491.4M P.B.T.D: 478.0M

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+13.1M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-32-56 N

LONGITUDE: 80-32-02 W SEC 1

CONFIDENTIAL: 1980 09 29

SPUDDED: 1980 08 25

COMPLETED: 1980 08 29

ABANDONED:

SPL. TRAY No: 2261 INDEX No: 890

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 191.0					
LAKE / GROUND LEVEL			13.1	174.7	
DRIFT / LAKE BOTTOM			27.5		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS	109.7		
	DUNDEE		0.		
	DETROIT RIVER	LUCAS	119.0		
		AMHERSTBURG	0.		
	BOIS BLANC		162.3		
SILURIAN	BASS ISLANDS		180.8		
	G UNIT	SHALE	211.5		
	F UNIT	SHALE	236.6		
	E UNIT	CARB.	245.4		
	D UNIT	SALT	266.4		
	C UNIT	SHALE	0.		
		MARKER	304.0		
	B UNIT	SALT	312.0		
		ANHY.	0.		
		CARB.	324.8		
	A-2 UNIT	SALT	330.0		
		ANHY.	0.		
	A-1 UNIT	CARB.	341.4		
		EVAP.	343.0		
	GUELPH		0.		
	ERAMOSA		346.0		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	361.4		
		ROCHESTER	393.0		
		IRONDEQUOIT	424.0		
		REYNALES	0.		
		THOROLD	434.4		
	CATARACT	GRIMSBY	437.3		
		CABOT HEAD	439.9		
		MANITOULIN	447.5		
		WHIRLPOOL	474.0		
ORDOVICIAN	QUEENSTON		475.6		
	MEAFORD - DUNDAS		477.6		
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 489.0 MOC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
438.0- 450.0		
436.0- 448.0	14075 M3/D	4945 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	27.5	HANGING	27.4
219MM	35.7KG	138.4	CEMENTED	
114MM	14.1KG	488.5	CEMENTED	
60MM	7.0KG	428.6	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
40.0- 485.0	GRNL	40.0- 485.0	DENL
138.0- 490.0	CALP	140.0- 485.0	LATL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

YER BAY 0. FOSSIL HIL 0. D UNIT EQU 298.9
B UNIT EQU 318.0 DE CEW 408.4
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

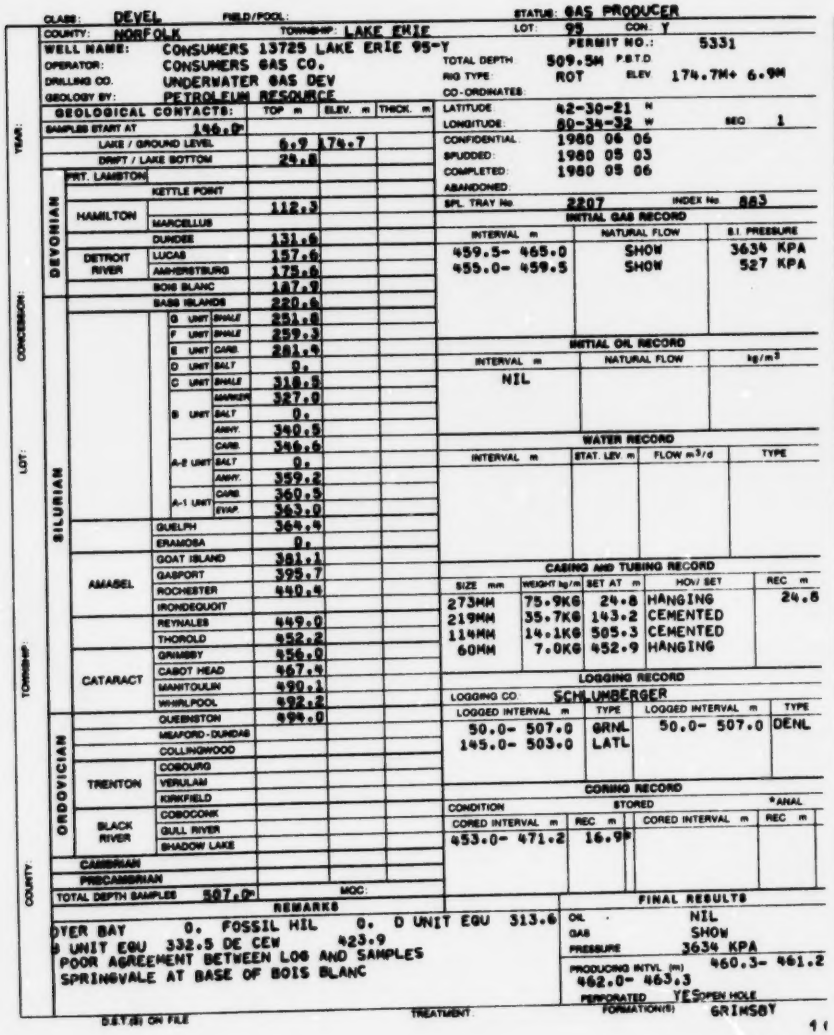
OIL: NIL
GAS: 14075 M3/D
PRESSURE: 4945 KPA

PRODUCING INTVL (m): 437.7- 438.2, 438.8- 440.0, 443.6- 444.6

PERFORATED YES OPEN HOLE

FORMATION(S): THOROLD, GRIMSBY

D.S.T.(S) ON FILE TREATMENT



CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 95 CON: Y
WELL NAME: CONSUMERS 13725 LAKE ERIE 95-Y PERMIT NO.: 5331
OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 509.5M P.B.T.D.
DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.7M+ 6.9M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:
LATITUDE: 42-30-21 N
LONGITUDE: 80-34-32 W SEC: 1
CONFIDENTIAL: 1980 06 06
SPUDDED: 1980 05 03
COMPLETED: 1980 05 06
ABANDONED:
SPL. TRAY No: 2207 INDEX No: 883

GEOLOGICAL CONTACTS:

			TOP m	ELEV. m	THICK. m
SAMPLES START AT			146.0P		
LAKE / GROUND LEVEL			6.9	174.7	
DRIFT / LAKE BOTTOM			24.8		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS	112.3		
		DUNDEE	131.6		
	DETROIT RIVER	LUCAS	157.6		
		AMHERSTBURG	175.6		
		BOIS BLANC	187.9		
		BASS ISLANDS	220.6		
SILURIAN		G UNIT SHALE	251.8		
		F UNIT SHALE	259.3		
		E UNIT CARB.	281.9		
		D UNIT SALT	0.		
		C UNIT SHALE	318.5		
		MARKER	327.0		
		B UNIT SALT	0.		
		ANHY.	340.5		
		CARB.	346.6		
		A-2 UNIT SALT	0.		
		ANHY.	359.2		
		CARB.	360.5		
		A-1 UNIT EVAP.	363.0		
	GUELPH		364.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	381.1		
		GASPORT	395.7		
		ROCHESTER	440.4		
		IRONDEQUOIT			
		REYNALES	449.0		
	CATARACT	THOROLD	452.2		
		GRIMSBY	456.0		
		CABOT HEAD	467.4		
		MANITOULIN	490.1		
		WHIRLPOOL	492.2		
ORDOVICIAN	QUEENSTON		494.0		
	TRENTON	MEAFORD-DUNDAS			
		COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			507.0P	MDC:	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
459.5- 465.0	SHOW	3634 KPA
455.0- 459.5	SHOW	527 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	24.8	HANGING	24.8
219MM	35.7KG	143.2	CEMENTED	
114MM	14.1KG	505.3	CEMENTED	
60MM	7.0KG	452.9	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
50.0- 507.0	GRNL	50.0- 507.0	DENL
145.0- 503.0	LATL		

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
453.0- 471.2	16.9P		

REMARKS

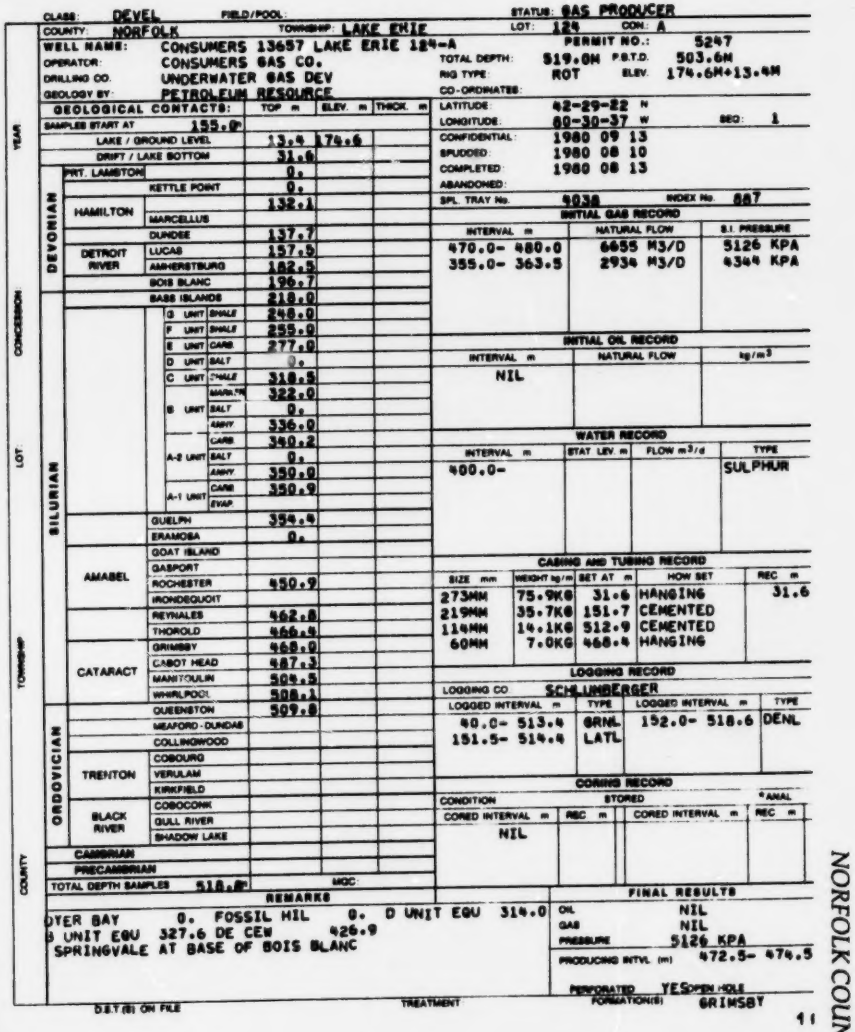
OVER BAY 0. FOSSIL HIL 0. D UNIT EQU 313.6
B UNIT EQU 332.5 DE CEW 423.9
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS SHOW
PRESSURE 3634 KPA
PRODUCING INTVL (m) 460.3- 461.2
462.0- 463.3
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY

D.S.T.(S) ON FILE TREATMENT

11



CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 124 CON: A
WELL NAME: CONSUMERS 13697 LAKE ERIE 124-A PERMIT NO.: 5247
OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 519.0M P.B.T.D. 503.6M
DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV. 174.6M+13.4M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:
LATITUDE: 42-29-22 N
LONGITUDE: 80-30-37 W SEC: 1
CONFIDENTIAL: 1980 09 13
SPUDDED: 1980 08 10
COMPLETED: 1980 08 13
ABANDONED:
SPL. TRAY No: 4038 INDEX No: 887

GEOLOGICAL CONTACTS:

			TOP m	ELEV. m	THICK. m
SAMPLES START AT			155.0P		
LAKE / GROUND LEVEL			13.4	174.6	
DRIFT / LAKE BOTTOM			31.6		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	132.1		
		DUNDEE	137.7		
	DETROIT RIVER	LUCAS	157.5		
		AMHERSTBURG	182.5		
		BOIS BLANC	196.7		
		BASS ISLANDS	218.0		
SILURIAN		G UNIT SHALE	248.0		
		F UNIT SHALE	255.9		
		E UNIT CARB.	277.0		
		D UNIT SALT	0.		
		C UNIT SHALE	318.5		
		MARKER	322.0		
		B UNIT SALT	0.		
		ANHY.	336.0		
		CARB.	340.2		
		A-2 UNIT SALT	0.		
		ANHY.	350.0		
		A-1 UNIT CARB.	350.9		
		EVAP.			
	GUELPH		354.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	450.9		
		IRONDEQUOIT			
		REYNALES	462.8		
	CATARACT	THOROLD	466.5		
		GRIMSBY	468.0		
		CABOT HEAD	487.3		
		MANITOULIN	504.5		
		WHIRLPOOL	508.1		
ORDOVICIAN	QUEENSTON		509.8		
	TRENTON	MEAFORD-DUNDAS			
		COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			518.0P	MDC:	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
470.0- 480.0	6655 M3/D	5126 KPA
355.0- 363.5	2934 M3/D	4344 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
400.0-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	31.6	HANGING	31.6
219MM	35.7KG	151.7	CEMENTED	
114MM	14.1KG	512.9	CEMENTED	
60MM	7.0KG	468.4	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
40.0- 513.4	GRNL	152.0- 518.6	DENL
151.5- 514.4	LATL		

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OVER BAY 0. FOSSIL HIL 0. D UNIT EQU 314.0
B UNIT EQU 327.6 DE CEW 426.9
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE 5126 KPA
PRODUCING INTVL (m) 472.5- 476.5
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY

D.S.T.(S) ON FILE TREATMENT

11

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 124 CON: C

WELL NAME: CONSUMERS 13658 LAKE ERIE 124-C PERMIT NO.: 5248

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 515.0M P.B.T.D

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.6M+13.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-29-58 N

LONGITUDE: 80-32-01 W SEQ: 1

CONFIDENTIAL: 1980 09 18

SPUDDED: 1980 08 16

COMPLETED: 1980 08 18

ABANDONED:

SPL. TRAY No.: 5224 INDEX No.: 910

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 160.0P					
LAKE / GROUND LEVEL			13.2	174.6	
DRIFT / LAKE BOTTOM			31.2		
DEVONIAN	PRT. LAMBTON		0.		
	KETTLE POINT		0.		
	HAMILTON		130.0		
		MARCELLUS	0.		
		DUNDEE	140.7		
	DETROIT RIVER	LUCAS	152.3		
		AMHERSTBURG	160.5		
		BOIS BLANC	202.5		
		BASS ISLANDS	226.2		
SILURIAN		G UNIT SHALE	257.4		
		F UNIT SHALE	265.2		
		E UNIT CARB	287.0		
		D UNIT SALT	0.		
		C UNIT SHALE	324.7		
		MARKER	333.3		
		B UNIT SALT	0.		
		ANHY	348.9		
		CARB	355.1		
		A-2 UNIT SALT	0.		
		ANHY	365.9		
		A-1 UNIT CARB	367.3		
		EVAP	0.		
	GUELPH		371.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	445.2		
		IRONDEQUOIT	0.		
		REYNALES	457.6		
		THOROLD	461.3		
		GRIMSBY	463.8		
	CATARACT	CABOT HEAD	477.8		
		MANITOULIN	498.9		
		WHIRLPOOL	503.2		
ORDOVICIAN		QUEENSTON	509.5		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 513.0P MDC: 7

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 319.8
B UNIT EQU 339.4 DE CEW 422.3
SPRINGVALE AT BASE OF BOIS BLANC

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
292.0-	SHOW	
463.0- 470.5	13027 M3/D	5046 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	31.2	HANGING	31.2
219MM	35.7KG	156.8	CEMENTED	
114MM	14.1KG	509.0	CEMENTED	
60MM	7.0KG	463.0	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
39.2- 509.2	GRNL	156.0- 514.0	DENL
160.0- 510.0	LATL		

CORING RECORD

CONDITION: STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

FINAL RESULTS

OIL: NIL
GAS: 13027 M3/D
PRESSURE: 5046 KPA
PRODUCING INTVL (m): 466.2- 468.0
468.5- 469.0
PERFORATED: YES OPEN HOLE
FORMATION(S): GRIMSBY

1 D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 124 CON: H

WELL NAME: CONSUMERS 13738 LAKE ERIE 124-H PERMIT NO.: 5471

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 529.0M P.B.T.D: 367.0M

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+13.6M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-28-47 N

LONGITUDE: 80-32-06 W SEQ: 1

CONFIDENTIAL: 1980 10 21

SPUDDED: 1980 09 17

COMPLETED: 1980 09 21

ABANDONED:

SPL. TRAY No.: 5222 INDEX No.: 895

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 151.0P					
LAKE / GROUND LEVEL			13.6	174.7	
DRIFT / LAKE BOTTOM			31.8		
DEVONIAN	PRT. LAMBTON				
	KETTLE POINT				
	HAMILTON		126.7		
		MARCELLUS			
		DUNDEE	140.1		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	169.4		
		BOIS BLANC	199.0		
		BASS ISLANDS	214.3		
SILURIAN		G UNIT SHALE	245.4		
		F UNIT SHALE	252.0		
		E UNIT CARB	274.9		
		D UNIT SALT			
		C UNIT SHALE	312.4		
		MARKER	321.4		
		B UNIT SALT			
		ANHY	334.0		
		CARB	339.6		
		A-2 UNIT SALT			
		ANHY	350.4		
		A-1 UNIT CARB	351.7		
		EVAP			
	GUELPH		353.4		
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	460.4		
		IRONDEQUOIT			
		REYNALES	473.0		
		THOROLD	476.8		
		GRIMSBY	479.0		
	CATARACT	CABOT HEAD	493.7		
		MANITOULIN	514.7		
		WHIRLPOOL	518.2		
ORDOVICIAN		QUEENSTON	520.0		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 528.0P MDC: 6

REMARKS

D UNIT EQU 307.6 B UNIT EQU 326.4 DE CEW 437.8

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B.I. PRESSURE
354.0-	SHOW	
352.0- 361.0	14783 M3/D	4404 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
212.7- 214.2		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	31.8	HANGING	31.8
219MM	35.7KG	147.9	CEMENTED	
114MM	14.1KG	371.2	CEMENTED	
60MM	7.0KG	348.8	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
40.0- 520.5	GRNL	40.0- 520.5	DENL
147.5- 525.5	CALP	48.0- 523.0	LATL
330.0- 367.0	CMPL		

CORING RECORD

CONDITION: STORED *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

FINAL RESULTS

OIL: NIL
GAS: 14783 M3/D
PRESSURE:
PRODUCING INTVL (m): 351.0- 356.5
PERFORATED: YES OPEN HOLE
FORMATION(S): A2 ANHYDRITE

1 D.S.T.(S) ON FILE TREATMENT

ALIFL PH

CLASS: DEVEL FIELD/POOL: STATUS: GAS AND OIL SHOW -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 124 CON: M

WELL NAME: CONSUMERS 13659 LAKE ERIE 124-M PERMIT NO.: 5249

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 516.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV 174.7M+13.1M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-27-56 N

LONGITUDE: 80-32-20 W SEQ 1

CONFIDENTIAL: 1980 10 11

SPUDDED: 1980 09 11

COMPLETED: 1980 09 11

ABANDONED: 1980 09 16

SPL TRAY No 5308 INDEX No 911

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 183.0'					
LAKE / GROUND LEVEL			13.1	174.7	
DRIFT / LAKE BOTTOM			31.9		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	130.5		
		DUNDEE	149.9		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	191.7		
		BOIS BLANC	213.3		
		BASS ISLANDS	221.9		
SILURIAN		G UNIT SHALE	249.2		
		F UNIT SHALE	255.8		
		E UNIT CARB	279.0		
		D UNIT SALT	0.		
		C UNIT SHALE	316.0		
		B UNIT MARKER	327.9		
		B UNIT SALT	0.		
		B UNIT ANHY	0.		
		A-2 UNIT CARB	341.0		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY	0.		
		A-1 UNIT CARB	354.1		
		A-1 UNIT EVAP	0.		
	GUELPH		357.8		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	464.2		
		IRONDEQUOIT	0.		
		REYNALES	477.1		
		THOROLD	480.6		
	CATARACT	GRIMSBY	489.2		
		CABOT HEAD	497.8		
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 516.0' MQC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
357.2- 355.0- 365.5	SHOW 1025 M3/D	4284 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
371.0	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
355.0- 365.0			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	31.9	HANGING	31.9
219MM	35.7KG	152.0	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
40.0- 515.0	GRNL	40.0- 515.0	CALP
152.0- 515.0	DENL	152.5- 511.0	LATL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EGU 310.4
B UNIT EGU 332.4 DE CEW 442.3

FINAL RESULTS

OIL NIL
GAS 1025 M3/D
PRESSURE 4284 KPA
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

41

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 125 CON: Y

WELL NAME: CONSUMERS 13652 LAKE ERIE 125-Y PERMIT NO.: 5242

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 564.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV 174.7M+ 6.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-25-21 N

LONGITUDE: 80-29-01 W SEQ 1

CONFIDENTIAL: 1980 06 19

SPUDDED: 1980 05 16

COMPLETED: 1980 05 19

ABANDONED: 1980 05 20

SPL TRAY No. 2206 INDEX No. 885

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 146.0'					
LAKE / GROUND LEVEL			6.3	174.7	
DRIFT / LAKE BOTTOM					
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	109.0		
		MARCELLUS	118.3		
		DUNDEE	160.1		
	DETROIT RIVER	LUCAS	177.2		
		AMHERSTBURG	196.3		
		BOIS BLANC	213.4		
		BASS ISLANDS	233.0		
SILURIAN		G UNIT SHALE	253.4		
		F UNIT SHALE	281.0		
		E UNIT CARB	288.9		
		D UNIT SALT	311.8		
		C UNIT SHALE	0.		
		B UNIT MARKER	349.5		
		B UNIT SALT	358.0		
		B UNIT ANHY	0.		
		A-2 UNIT CARB	371.2		
		A-2 UNIT SALT	377.1		
		A-2 UNIT ANHY	0.		
		A-1 UNIT CARB	387.1		
		A-1 UNIT EVAP	387.9		
	GUELPH		390.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	421.8		
		GASPORT	432.7		
		ROCHESTER	489.2		
		IRONDEQUOIT	0.		
		REYNALES	499.2		
		THOROLD	502.7		
	CATARACT	GRIMSBY	505.9		
		CABOT HEAD	519.1		
		MANITOULIN	541.5		
		WHIRLPOOL	546.3		
ORDOVICIAN		QUEENSTON	547.1		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 564.0' MQC:

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
510.0- 514.0		3408 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	26.5	HANGING	26.5
219MM	35.7KG	143.9	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
30.0- 562.0	GRNL	147.0- 558.0	LATL
30.0- 562.0	DENL		

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. B UNIT EGU 363.6
DE CEW 461.2
SPRINGVALE AT BASE OF BOIS BLANC
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

41

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 126 CON: M

WELL NAME: CONSUMERS 13650 LAKE ERIE 126-M PERMIT NO.: 5240

OPERATOR: CONSUMERS GAS CO.

DRILLING CO: UNDERWATER GAS DEV

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 534.0M PBTD: RIG TYPE: ROT ELEV: 174.6M+13.3M

CO-ORDINATES:

LATITUDE: 42-27-53 N

LONGITUDE: 80-22-29 W SEQ: 1

CONFIDENTIAL: 1980 09 08

SPUDDED: 1980 08 05

COMPLETED: 1980 08 08

ABANDONED: 1980 09 09

SPL TRAY No: 3796 INDEX No: 888

GEOLOGICAL CONTACTS:

			TOP m	ELEV m	THICK m
SAMPLES START AT 179.0					
LAKE / GROUND LEVEL			13.3	174.6	
DRIFT / LAKE BOTTOM			31.2		
DEVONIAN	PRT LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	161.0		
		DUNDEE	165.3		
	DETROIT RIVER	LUCAS	182.9		
		AMHERSTBURG	195.0		
		BOIS BLANC	217.0		
		BASS ISLANDS	233.9		
SILURIAN		G UNIT SHALE	264.0		
		F UNIT SHALE	271.4		
		E UNIT CARB	299.9		
		D UNIT SALT	0.		
		C UNIT SHALE	331.4		
		MARKER	340.9		
		B UNIT SALT	0.		
		ANHY	353.8		
		CARB	358.0		
		A-2 UNIT SALT	0.		
		ANHY	368.5		
		CARB	369.2		
		A-1 UNIT EVAP			
	GUELPH		372.3		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	388.0		
		GASPORT	420.0		
		ROCHESTER	464.6		
		IRONDEQUOIT			
	CATARACT	REYNALES	476.5		
		THOROLD	480.2		
		GRIMSBY	482.2		
		CABOT HEAD	501.2		
		MANITOULIN			
		WHIRLPOOL	516.0		
ORDOVICIAN		QUEENSTON	523.6		
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 534.0 MDC:

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
311.0-	SHOW	
480.0- 494.0	SHOW	5026 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	73.9KG	31.2	HANGING	31.2
219MM	35.7KG	179.0	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
44.8- 528.5	GRNL	179.0- 533.2	DENL
178.0- 529.5	LATL		

CORING RECORD

CONDITION: STORED: *ANAL:

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 326.5
9 UNIT EQU 346.1 DE CEW 443.0
POWER GLEN PRESENT

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED: OPEN HOLE:
FORMATION(S):

DST(S) ON FILE: TREATMENT:

CLASS: NPW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 127 CON: A

WELL NAME: ANSCHUTZ #3 LAKE ERIE 127-A PERMIT NO.: 5461

OPERATOR: ANSCHUTZ-CANADA EX

DRILLING CO: UNDERWATER GAS DEV

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 908.3M PBTD: RIG TYPE: ROT ELEV: 174.7M+ 6.4M

CO-ORDINATES:

LATITUDE: 42-29-16 N

LONGITUDE: 80-15-49 W SEQ: 1

CONFIDENTIAL: 1981 09 29

SPUDDED: 1980 09 25

COMPLETED: 1980 09 29

ABANDONED:

SPL TRAY No: 4568 INDEX No: 920

GEOLOGICAL CONTACTS:

			TOP m	ELEV m	THICK m
SAMPLES START AT 197.0					
LAKE / GROUND LEVEL			6.4	17.7	
DRIFT / LAKE BOTTOM			37.1		
DEVONIAN	PRT LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE	136.0		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	168.0		
		BOIS BLANC	186.5		
		BASS ISLANDS	205.0		
SILURIAN		G UNIT SHALE	238.2		
		F UNIT SHALE	245.0		
		E UNIT CARB	266.9		
		D UNIT SALT	0.		
		C UNIT SHALE	304.0		
		MARKER	311.4		
		B UNIT SALT	0.		
		ANHY	324.6		
		CARB	330.2		
		A-2 UNIT SALT	0.		
		ANHY	339.0		
		CARB	339.9		
		A-1 UNIT EVAP	0.		
	GUELPH		343.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	413.7		
		GASPORT	429.6		
		ROCHESTER	435.6		
		IRONDEQUOIT	0.		
	CATARACT	REYNALES	0.		
		THOROLD	452.8		
		GRIMSBY	456.7		
		CABOT HEAD	468.0		
		MANITOULIN	490.2		
		WHIRLPOOL	495.3		
ORDOVICIAN		QUEENSTON	497.6		
		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 507.0 MDC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
450.0- 474.0	5013 M3/D	4831 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
244MM	53.6KG	147.8	CEMENTED	
178MM	29.8KG	228.9	CEMENTED	
114MM	14.1KG	506.5	CEMENTED	
60MM	6.9KG	455.6	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 507.5	GRNL	20.0- 507.5	DENL
20.0- 507.5	CALP	230.0- 503.0	LATL
405.0- 495.0	CMPL		

CORING RECORD

CONDITION: STORED: *ANAL:

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

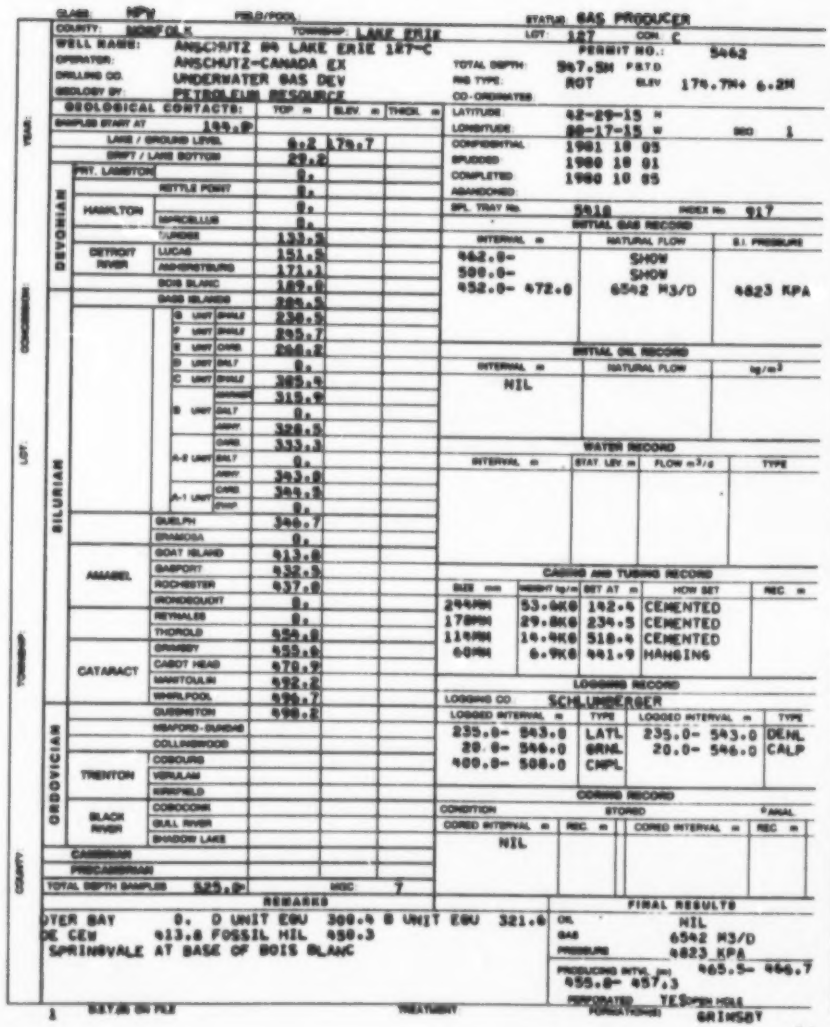
REMARKS

DE CEW 0. DYER BAY 0. D UNIT EQU 298.6
9 UNIT EQU 316.8 FOSSIL HIL 448.9
CRITICAL MISSING SAMPLES
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL: NIL
GAS: 5013 M3/D
PRESSURE: 4831 KPA
PRODUCING INTVL (m): 455.3- 456.6
PERFORATED: YES OPEN HOLE:
FORMATION(S): THOROLD
GRIMSBY

1 DST(S) ON FILE: TREATMENT:



CLASS NPW FIELD/POOL STATUS GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 127 CON: C

WELL NAME: ANSCHUTZ 84 LAKE ERIE 127-C PERMIT NO.: 5462

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 567.5M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 176.7M+ 6.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES

LATITUDE: 42-29-15 N

LONGITUDE: 80-17-15 W SEQ 1

CONFIDENTIAL: 1981 10 05

SPUDDED: 1980 10 01

COMPLETED: 1980 10 05

ABANDONED:

SPL. TRAY No. 5818 INDEX No. 917

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT		195.0		
LAKE / GROUND LEVEL		6.2	176.7	
DRIFT / LAKE BOTTOM		29.2		
DEVONIAN	PNT. LAMBTON	0.		
	KETTLE POINT	0.		
	HAMILTON	0.		
	MARCELLUS	0.		
	DUNDEE	133.5		
	DETROIT RIVER LUCAS	151.5		
	AMHERSTBURG	171.1		
	BOIS BLANC	189.0		
	BASS ISLANDS	205.5		
SILURIAN	G UNIT SHALE	230.5		
	F UNIT SHALE	295.7		
	E UNIT CARB	298.2		
	D UNIT SALT	0.		
	C UNIT SHALE	305.4		
	CARBONATE	315.9		
	B UNIT SALT	0.		
	ANHY	328.5		
	CARB	333.3		
	A-2 UNIT SALT	0.		
	ANHY	343.8		
	A-1 UNIT CARB	345.9		
	EVAP	0.		
	GUELPH	346.7		
	ERAMOSA	0.		
	ANABEL GOAT ISLAND	413.8		
	GASPORT	432.9		
	ROCHESTER	437.8		
	IRONDEQUOIT	0.		
	REYNALES	0.		
	THOROLD	459.8		
	GRIMSBY	459.8		
	CATARACT CABOT HEAD	470.9		
	MANITOULIN	492.2		
	WHIRLPOOL	496.7		
ORDOVICIAN	QUEENSTON	498.8		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	VERULAM			
	KIRKFIELD			
	BLACK RIVER COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES		525.0	MOC	7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
462.0-	SHOW	
500.0-	SHOW	
452.0- 472.0	6542 M3/D	4823 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
244MM	53.6KG	142.4	CEMENTED	
178MM	29.8KG	234.5	CEMENTED	
114MM	16.4KG	518.4	CEMENTED	
60MM	6.9KG	441.9	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
239.0- 543.0	LATL	235.0- 543.0	DENL
20.0- 546.0	GRNL	20.0- 546.0	CALP
488.0- 508.0	CMPL		

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

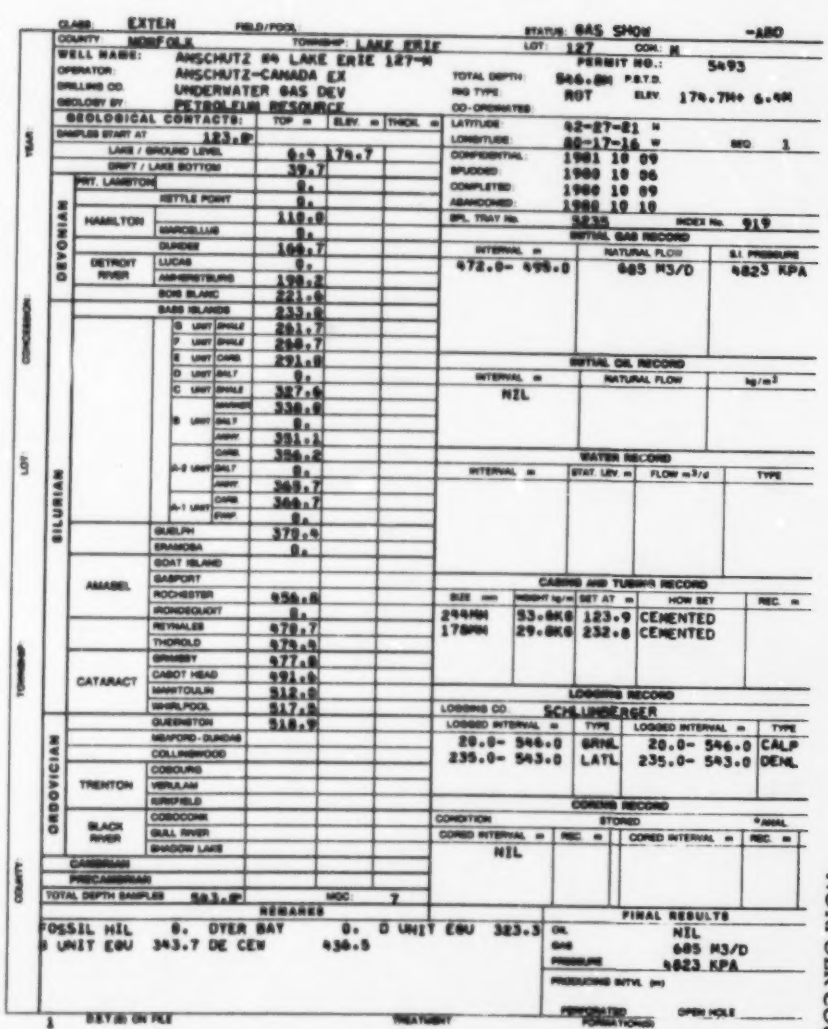
OYER BAY 0. D UNIT EQU 308.4 B UNIT EQU 321.6
DE CEW 413.8 FOSSIL HIL 450.3
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL
GAS 6542 M3/D
PRESSURE 4823 KPA
PRODUCING INTVL (m) 465.5- 466.7
455.0- 457.3
PERFORATED YES OPEN HOLE
FORMATIONS GRIMSBY

1 DST(S) ON FILE TREATMENT

11



CLASS EXTEN FIELD/POOL STATUS GAS SHOW -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 127 CON: M

WELL NAME: ANSCHUTZ 84 LAKE ERIE 127-M PERMIT NO.: 5493

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 546.0M P.B.T.D.

DRILLING CO.: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 176.7M+ 6.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES

LATITUDE: 42-27-81 N

LONGITUDE: 80-17-16 W SEQ 1

CONFIDENTIAL: 1981 10 09

SPUDDED: 1980 10 06

COMPLETED: 1980 10 09

ABANDONED: 1980 10 10

SPL. TRAY No. 5835 INDEX No. 919

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT		123.0		
LAKE / GROUND LEVEL		6.4	176.7	
DRIFT / LAKE BOTTOM		39.7		
DEVONIAN	PNT. LAMBTON	0.		
	KETTLE POINT	0.		
	HAMILTON	110.0		
	MARCELLUS	0.		
	DUNDEE	164.7		
	DETROIT RIVER LUCAS	0.		
	AMHERSTBURG	198.2		
	BOIS BLANC	221.6		
	BASS ISLANDS	233.8		
SILURIAN	G UNIT SHALE	261.7		
	F UNIT SHALE	290.7		
	E UNIT CARB	291.8		
	D UNIT SALT	0.		
	C UNIT SHALE	327.6		
	CARBONATE	338.8		
	B UNIT SALT	0.		
	ANHY	351.1		
	CARB	356.2		
	A-2 UNIT SALT	0.		
	ANHY	369.7		
	CARB	368.7		
	A-1 UNIT EVAP	0.		
	GUELPH	370.4		
	ERAMOSA	0.		
	ANABEL GOAT ISLAND			
	GASPORT			
	ROCHESTER	456.8		
	IRONDEQUOIT	0.		
	REYNALES	470.7		
	THOROLD	475.4		
	GRIMSBY	477.8		
	CATARACT CABOT HEAD	491.5		
	MANITOULIN	512.0		
	WHIRLPOOL	517.2		
ORDOVICIAN	QUEENSTON	518.9		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	VERULAM			
	KIRKFIELD			
	BLACK RIVER COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES		543.0	MOC	7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
472.0- 498.0	685 M3/D	4823 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
244MM	53.6KG	123.9	CEMENTED	
178MM	29.8KG	232.8	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 546.0	GRNL	20.0- 546.0	CALP
235.0- 543.0	LATL	235.0- 543.0	DENL

CORING RECORD

CONDITION STORED °ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 323.3
B UNIT EQU 343.7 DE CEW 436.8

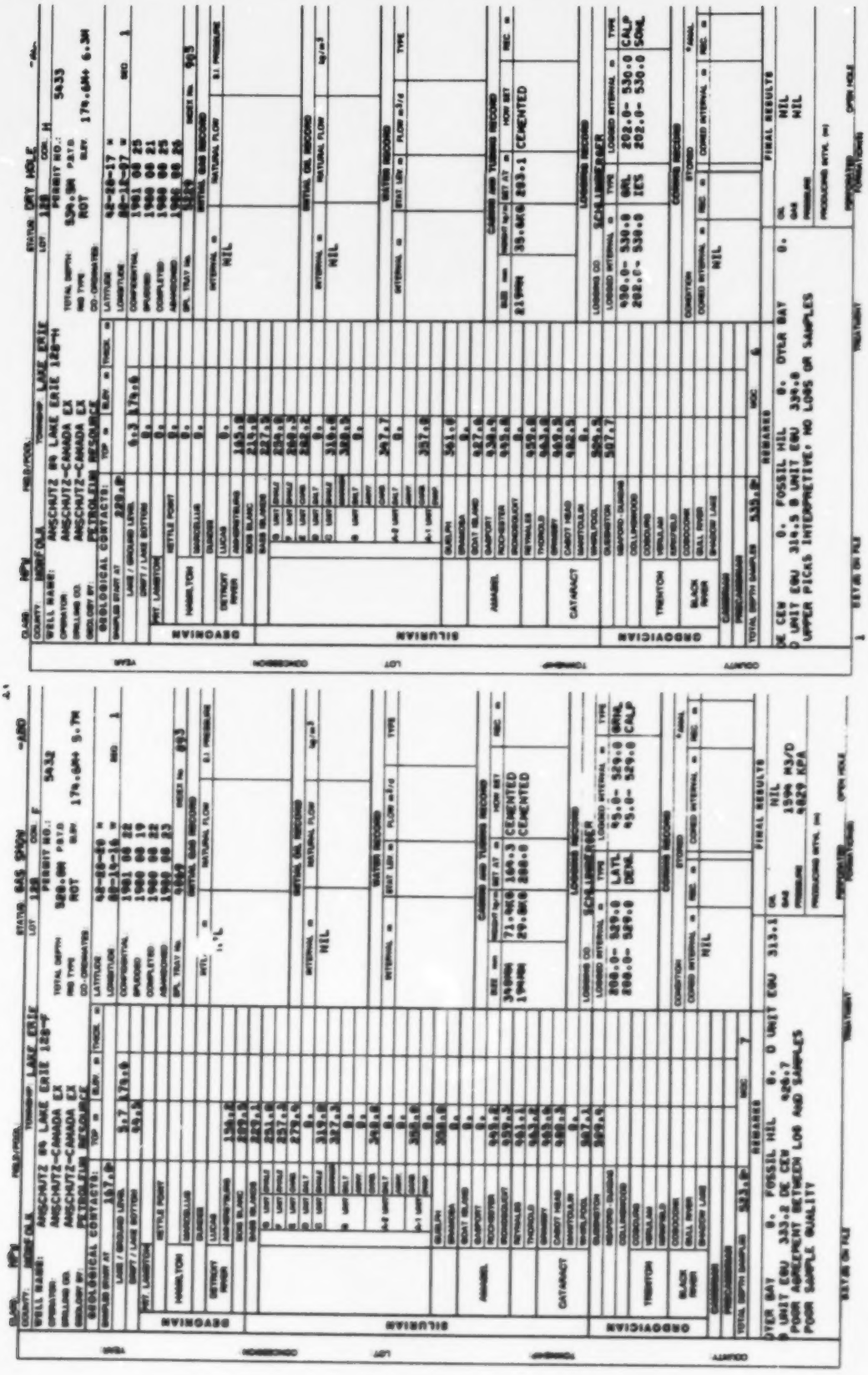
FINAL RESULTS

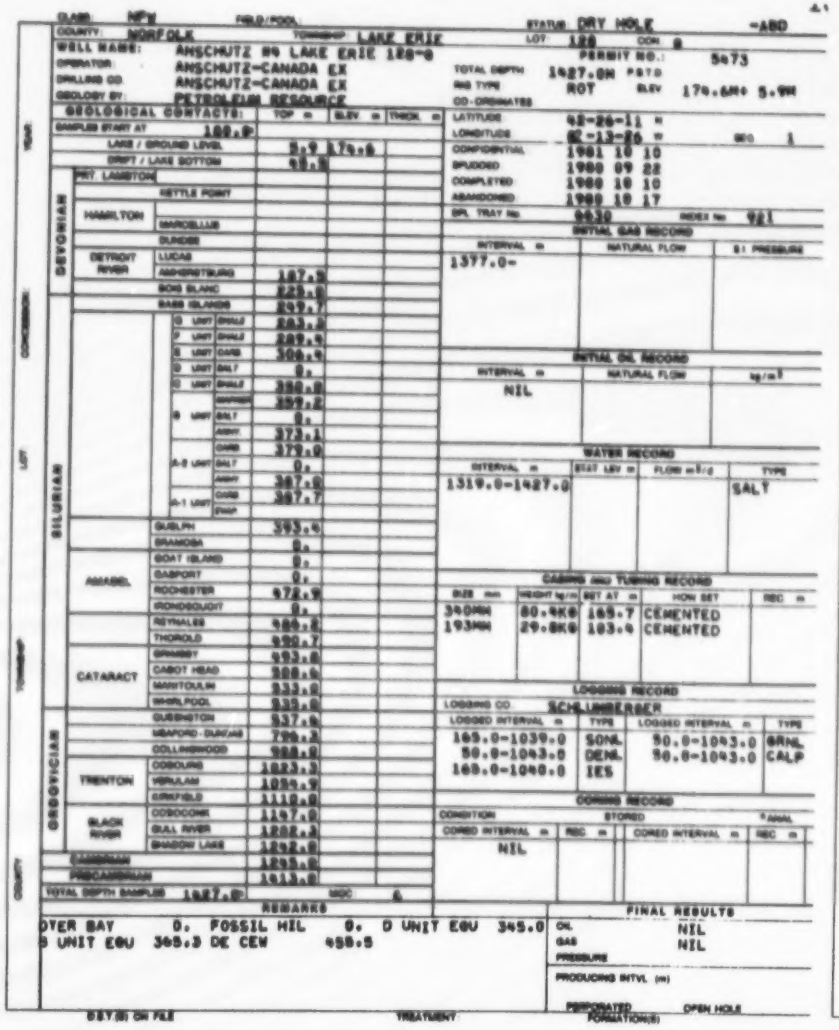
OIL NIL
GAS 685 M3/D
PRESSURE 4823 KPA
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATIONS

1 DST(S) ON FILE TREATMENT

11

NORFOLK COUNTY





CLASS NFW FIELD/POOL STATUS DRY HOLE -ABD

COUNTY NORFOLK TOWNSHIP LAKE ERIE LOT 128 CON B

WELL NAME: ANSCHUTZ #4 LAKE ERIE 128-0

OPERATOR: ANSCHUTZ-CANADA EX

DRILLING CO: ANSCHUTZ-CANADA EX

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5473

TOTAL DEPTH 1427.0M P.B.T.D.

RIG TYPE ROT ELEV 176.6M+ 5.9M

CO-ORDINATES

LATITUDE 42-26-11 N

LONGITUDE 80-13-26 W SEC 1

CONFIDENTIAL 1981 10 10

SPUDDED 1980 09 22

COMPLETED 1980 10 10

ABANDONED 1980 10 17

SPL TRAY No 9430 INDEX No 921

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 180.0			
LAKE / GROUND LEVEL	5.9	176.6	
DRIFT / LAKE BOTTOM	48.5		
DEVONIAN — PHT. LAMBTON			
KETTLE POINT			
HAMILTON			
MARCELLUS			
DUNDEE			
DETROIT RIVER — LUCAS			
AMHERSTBURG	187.5		
BOIS BLANC	225.0		
BASS ISLANDS	259.7		
SILURIAN — G UNIT SHALE	283.2		
F UNIT SHALE	289.4		
E UNIT CARB	306.4		
D UNIT SALT	0.		
C UNIT SHALE	380.0		
WHITBY	359.2		
B UNIT SALT	0.		
ABBEY	373.1		
CARB	379.0		
A-2 UNIT SALT	0.		
ABBEY	387.0		
A-1 UNIT CARB	387.7		
DYER BAY			
GUELPH	393.4		
BRAMOSA	0.		
AMABEL — GOAT ISLAND	0.		
GASPORT	0.		
ROCHESTER	472.9		
IRONDEQUOIT	0.		
REYNALES	486.8		
THOROLD	492.7		
GRIMSBY	493.8		
CATARACT — CABOT HEAD	508.6		
MANITOULIN	533.0		
WHIRLPOOL	535.0		
ORDOVICIAN — QUEENSTON	537.4		
MEAFORD-DUNDAS	779.3		
COLLINGWOOD	988.0		
TRENTON — COBOURG	1023.3		
VERULAM	1054.9		
KIRKFIELD	1110.0		
BLACK RIVER — COBOCONK	1197.0		
GULL RIVER	1202.2		
SHADOW LAKE	1292.0		
CAMBRIAN	1295.0		
PRECAMBRIAN	1413.0		
TOTAL DEPTH SAMPLES 1427.0		MISC.	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	61 PRESSURE
1377.0-		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
1319.0-1427.0			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
340MM	80.4KG	165.7	CEMENTED	
193MM	29.8KG	183.4	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
165.0-1039.0	SONL	90.0-1043.0	GRNL
90.0-1043.0	DENL	90.0-1043.0	CALP
165.0-1040.0	IES		

CORING RECORD

CONDITION STORED ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. D UNIT EQU 345.0
B UNIT EQU 365.3 DE CEW 458.5

FINAL RESULTS

OIL NIL

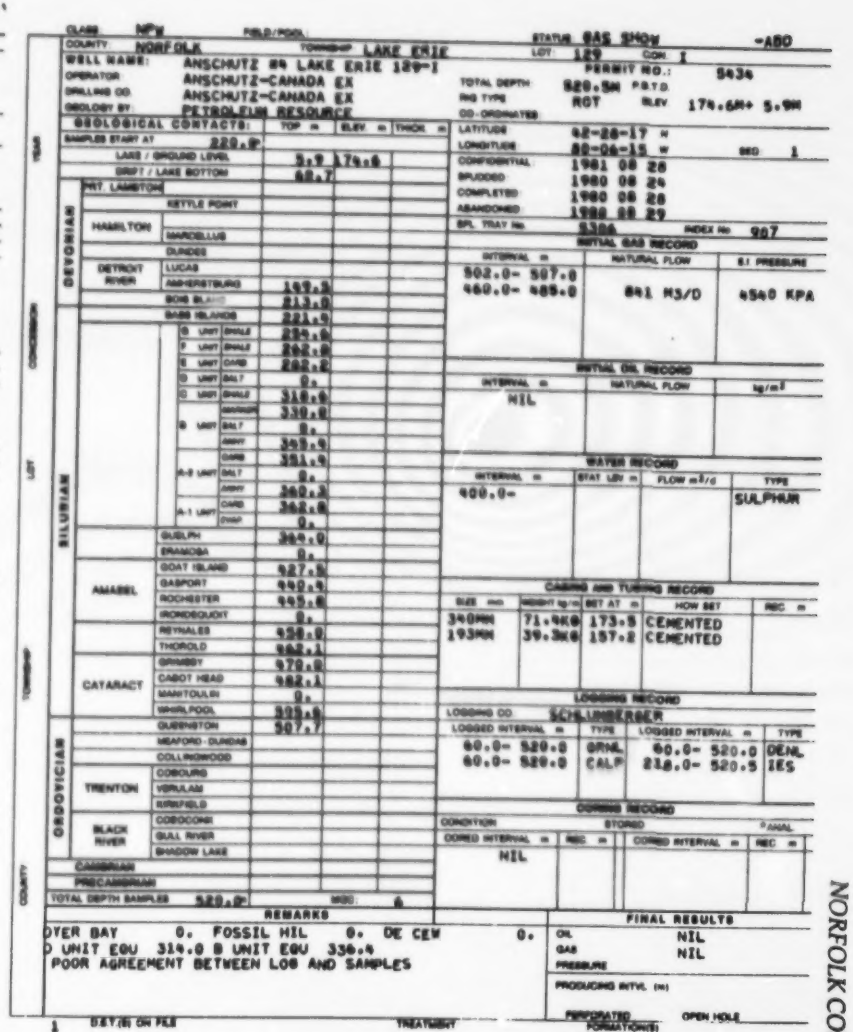
GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED FORMATION(S) OPEN HOLE

DST(S) ON FILE TREATMENT



CLASS NFW FIELD/POOL STATUS GAS SHOW -ABD

COUNTY NORFOLK TOWNSHIP LAKE ERIE LOT 129 CON I

WELL NAME: ANSCHUTZ #4 LAKE ERIE 129-1

OPERATOR: ANSCHUTZ-CANADA EX

DRILLING CO: ANSCHUTZ-CANADA EX

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5434

TOTAL DEPTH 520.5M P.B.T.D.

RIG TYPE ROT ELEV 176.6M+ 5.9M

CO-ORDINATES

LATITUDE 42-26-17 N

LONGITUDE 80-06-15 W SEC 1

CONFIDENTIAL 1981 08 26

SPUDDED 1980 08 24

COMPLETED 1980 08 26

ABANDONED 1980 08 29

SPL TRAY No 9386 INDEX No 907

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 220.0			
LAKE / GROUND LEVEL	5.9	176.6	
DRIFT / LAKE BOTTOM	48.7		
DEVONIAN — PHT. LAMBTON			
KETTLE POINT			
HAMILTON			
MARCELLUS			
DUNDEE			
DETROIT RIVER — LUCAS			
AMHERSTBURG	169.5		
BOIS BLANC	213.0		
BASS ISLANDS	221.9		
SILURIAN — G UNIT SHALE	239.6		
F UNIT SHALE	262.0		
E UNIT CARB	282.2		
D UNIT SALT	0.		
C UNIT SHALE	318.6		
WHITBY	330.0		
B UNIT SALT	0.		
ABBEY	343.9		
CARB	351.9		
A-2 UNIT SALT	0.		
ABBEY	360.3		
A-1 UNIT CARB	362.8		
DYER BAY			
GUELPH	369.9		
BRAMOSA	0.		
AMABEL — GOAT ISLAND	427.5		
GASPORT	440.9		
ROCHESTER	445.8		
IRONDEQUOIT	0.		
REYNALES	458.0		
THOROLD	462.1		
GRIMSBY	470.0		
CATARACT — CABOT HEAD	482.1		
MANITOULIN	0.		
WHIRLPOOL	525.0		
ORDOVICIAN — QUEENSTON	507.7		
MEAFORD-DUNDAS			
COLLINGWOOD			
TRENTON — COBOURG			
VERULAM			
KIRKFIELD			
BLACK RIVER — COBOCONK			
GULL RIVER			
SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 520.0		MISC.	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	61 PRESSURE
502.0- 507.0		
460.0- 485.0	841 M3/D	4540 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
400.0-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
340MM	71.4KG	173.5	CEMENTED	
193MM	39.3KG	157.2	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
60.0- 520.0	GRNL	60.0- 520.0	DENL
60.0- 520.0	CALP	218.0- 520.5	IES

CORING RECORD

CONDITION STORED ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 314.0 B UNIT EQU 336.4
POOR AGREEMENT BETWEEN LOG AND SAMPLES

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED FORMATION(S) OPEN HOLE

1 DST(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 129 CON: R

WELL NAME: ANSCHUTZ #4 LAKE ERIE 129-R PERMIT NO.: 5444

OPERATOR: ANSCHUTZ-CANADA EX

DRILLING CO: ANSCHUTZ-CANADA EX

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 555.0M P.B.T.D. RIG TYPE: ROT ELEV: 174.6M+ 5.5M

CO-ORDINATES: LATITUDE 42-26-25 N; LONGITUDE 80-07-10 W; SEC 1

CONFIDENTIAL: 1981 09 06; SPUDDED: 1980 08 29; COMPLETED: 1980 09 06; ABANDONED: 1980 09 07

SPL TRAY No: 5366 INDEX No: 916

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			172.0P		
LAKE / GROUND LEVEL			5.5	174.6	
DRIFT / LAKE BOTTOM			49.0		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT			
	HAMILTON	MARCELLUS	139.5		
		DUNDEE	193.0		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	201.0		
		BOIS BLANC	252.0		
		BASS ISLANDS	259.4		
SILURIAN		G UNIT SHALE	287.1		
		F UNIT SHALE	293.7		
		E UNIT CARB	317.9		
		D UNIT SALT	0.		
		C UNIT SHALE	359.0		
		MARKER	363.0		
		B UNIT SALT	0.		
		ANHY	0.		
		CARB	378.2		
		A-2 UNIT SALT	0.		
		ANHY	0.		
		A-1 UNIT CARB	393.5		
		EVAP	0.		
	GUELPH		397.7		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	457.6		
		GASPORT	471.2		
		ROCHESTER	475.5		
		IRONDEQUOIT	489.3		
		REYNALES	490.5		
		THOROLD	493.5		
	CATARACT	GRIMSBY	497.5		
		CABOT HEAD	512.1		
		MANITOULIN	534.0		
		WHIRLPOOL	537.8		
ORDOVICIAN	QUEENSTON		539.9		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		BULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES: 559.0P			MDC: 7		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
497.0- 517.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
340MM	71.4KG	126.0	CEMENTED	
194MM	39.3KG	167.3	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
48.0- 556.5	GRNL	48.0- 556.5	CALP
167.0- 556.5	DENL	167.0- 556.6	IES

CORING RECORD

CONDITION: STORED: *ANAL:

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DE CEW 0. FOSSIL HIL 0. DYER BAY 0.
D UNIT EQU 349.8 B UNIT EQU 369.7
POOR SAMPLE QUALITY

FINAL RESULTS

OIL: NIL
GAS: SHOW
PRESSURE:
PRODUCING INTVL (m):
PERFORATED: OPEN HOLE: FORMATION(S):

1 SET(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 130 CON: C

WELL NAME: ANSCHUTZ #4 LAKE ERIE 130-C PERMIT NO.: 5452

OPERATOR: ANSCHUTZ-CANADA EX

DRILLING CO: ANSCHUTZ-CANADA EX

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH: 529.0M P.B.T.D. RIG TYPE: ROT ELEV: 174.6M+ 5.0M

CO-ORDINATES: LATITUDE 42-29-15 N; LONGITUDE 80-02-15 W; SEC 1

CONFIDENTIAL: 1981 10 05; SPUDDED: 1980 09 27; COMPLETED: 1980 10 05; ABANDONED: 1980 10 05

SPL TRAY No: 3810 INDEX No: 915

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			220.0P		
LAKE / GROUND LEVEL			5.0	174.6	
DRIFT / LAKE BOTTOM			44.9		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT			
	HAMILTON	MARCELLUS			
		DUNDEE	156.0		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	181.0		
		BOIS BLANC	212.9		
		BASS ISLANDS	225.0		
SILURIAN		G UNIT SHALE	262.4		
		F UNIT SHALE	279.0		
		E UNIT CARB	292.4		
		D UNIT SALT	0.		
		C UNIT SHALE	330.5		
		MARKER	340.0		
		B UNIT SALT	0.		
		ANHY	353.7		
		CARB	359.4		
		A-2 UNIT SALT	0.		
		ANHY	368.0		
		A-1 UNIT CARB	370.7		
		EVAP			
	GUELPH		372.4		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	0.		
		ROCHESTER	453.8		
		IRONDEQUOIT	0.		
		REYNALES	466.0		
		THOROLD	470.6		
	CATARACT	GRIMSBY	476.3		
		CABOT HEAD	492.0		
		MANITOULIN	0.		
		WHIRLPOOL	512.7		
ORDOVICIAN	QUEENSTON		516.9		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		BULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES: 529.0P			MDC: 6		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
470.0- 490.0	1594 M3/D	4820 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
340MM	71.4KG	175.2	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
175.0- 529.0	IES	175.0- 529.0	DENL
175.0- 529.0	GRNL	175.0- 529.0	CALP

CORING RECORD

CONDITION: STORED: *ANAL:

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 325.4
B UNIT EQU 346.0 DE CEW 437.4
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED: OPEN HOLE: FORMATION(S):

SET(S) ON FILE TREATMENT

CLASS: NFV FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 130 CON: F

WELL NAME: ANSCHUTZ #4 LAKE ERIE 130-F PERMIT NO.: 5425

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 526.0M P.B.T.D

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV: 174.7M+ 6.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-28-20 N

LONGITUDE: 80-04-12 W SEQ: 1

CONFIDENTIAL: 1981 09 05

SPUDDED: 1980 08 27

COMPLETED: 1980 09 05

ABANDONED:

EPL TRAY No: 5310 INDEX No: 906

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 207.0P					
LAKE / GROUND LEVEL			6.3	174.7	
DRIFT / LAKE BOTTOM			42.0		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG	189.5		
		BOIS BLANC	217.2		
		BASS ISLANDS	224.0		
SILURIAN		G UNIT SHALE	259.0		
		F UNIT SHALE	265.7		
		E UNIT CARB	287.8		
		D UNIT SALT	0.		
		C UNIT SHALE	329.0		
		MARKER	339.3		
		B UNIT SALT			
		ANHY	0.		
		CARB	348.7		
		A-2 UNIT SALT	0.		
		ANHY	0.		
		CARB	362.8		
		A-1 UNIT EVAP	0.		
	GUELPH		367.0		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	448.7		
		IRONDEQUOIT	462.0		
	CATARACT	REYNALES	463.0		
		THOROLD	466.0		
		GRIMSBY	468.9		
		CABOT HEAD	489.1		
		MANITOULIN	0.		
		WHIRLPOOL	508.1		
ORDOVICIAN	QUEENSTON		510.7		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 522.0P MDC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
481.0- 498.0	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
219MM	35.7KG	205.0	CEMENTED	
114MM	14.1KG	510.7	CEMENTED	
60MM	6.0KG	448.9	HANGING	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
205.0- 524.0	LATL	77.0- 524.0	GRNL
77.0- 524.0	CALP	457.0- 500.0	CMPL
77.0- 524.0	DENL		

CORING RECORD

CONDITION: STORED: °ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL NIL 0. DYER BAY 0. D UNIT EQU 319.7
B UNIT EQU 339.9 DE CEW 428.9

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m): 474.4- 476.2
PERFORATED: YES OPEN HOLE
FORMATION(S): GRIMSBY

DST(S) ON FILE: TREATMENT:

CLASS: DEVEL FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 130 CON: K

WELL NAME: ANSCHUTZ #4 LAKE ERIE 130-K PERMIT NO.: 5453

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 538.0M P.B.T.D

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV: 174.6M+ 5.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-27-18 N

LONGITUDE: 80-00-16 W SEQ: 1

CONFIDENTIAL: 1980 10 23

SPUDDED: 1980 09 18

COMPLETED: 1980 09 23

ABANDONED: 1980 09 24

EPL TRAY No: 5294 INDEX No: 914

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 173.0P					
LAKE / GROUND LEVEL			5.8	174.8	
DRIFT / LAKE BOTTOM			51.8		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE	108.2		
	DETROIT RIVER	LUCAS	131.0		
		AMHERSTBURG	197.2		
		BOIS BLANC	216.9		
		BASS ISLANDS	240.0		
SILURIAN		G UNIT SHALE	273.8		
		F UNIT SHALE	280.0		
		E UNIT CARB	301.5		
		D UNIT SALT	0.		
		C UNIT SHALE	338.9		
		MARKER	348.8		
		B UNIT SALT	0.		
		ANHY	363.3		
		CARB	369.0		
		A-2 UNIT SALT	0.		
		ANHY	378.8		
		CARB	379.8		
		A-1 UNIT EVAP	0.		
	GUELPH		383.3		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	0.		
		ROCHESTER	462.6		
		IRONDEQUOIT	0.		
	CATARACT	REYNALES	475.7		
		THOROLD	480.6		
		GRIMSBY	483.0		
		CABOT HEAD	501.0		
		MANITOULIN	518.0		
		WHIRLPOOL	522.7		
ORDOVICIAN	QUEENSTON		526.0		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 529.0P MDC: 6

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
135.0-		
248.0-	SHOW	
483.0- 503.0	770 M3/D	4742 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	125.6	CASING SHOE	
193MM	39.3KG	170.6	CASING SHOE	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
45.0- 538.0	GRNL	45.0- 538.0	DENL
169.0- 538.0	IES		

CORING RECORD

CONDITION: STORED: °ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

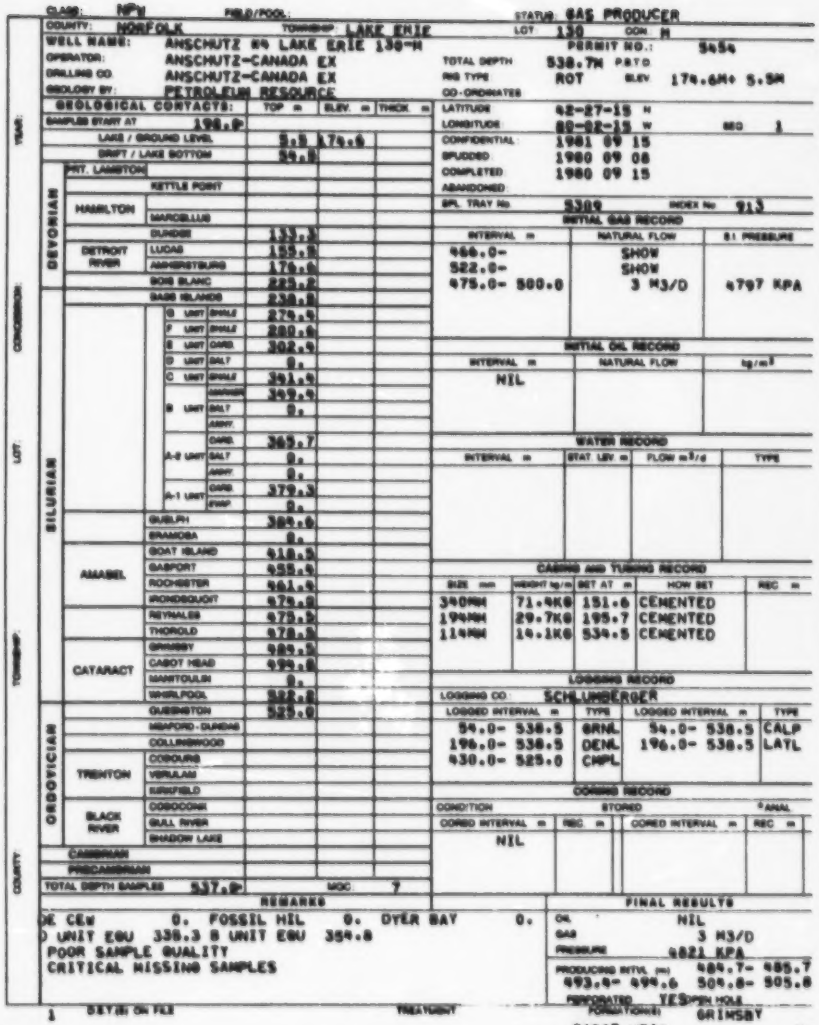
REMARKS

DYER BAY 0. FOSSIL NIL 0. D UNIT EQU 333.8
B UNIT EQU 355.8 DE CEW 446.5
CRITICAL MISSING SAMPLES

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED: OPEN HOLE
FORMATION(S):

1 DST(S) ON FILE: TREATMENT:



CLASS: NPW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 130 CON: M

WELL NAME: ANSCHUTZ 69 LAKE ERIE 130-M PERMIT NO.: 5454

OPERATOR: ANSCHUTZ-CANADA EX TOTAL DEPTH: 538.7M PBTD

DRILLING CO: ANSCHUTZ-CANADA EX RIG TYPE: ROT ELEV: 174.6M+ 5.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES

LATITUDE: 42-27-15 N

LONGITUDE: 80-02-15 W SEC 1

CONFIDENTIAL: 1981 09 15

SPUDDED: 1980 09 08

COMPLETED: 1980 09 15

ABANDONED:

BPL TRAY No: 5309 INDEX No: 913

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 198.0					
LAKE / GROUND LEVEL			5.5	174.6	
DRIFT / LAKE BOTTOM			34.5		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT			
	HAMILTON	MARCELLUS			
		DUNDEE	133.3		
	DETROIT RIVER	LUCAS	159.5		
		AMHERSTBURG	176.6		
		BOIS BLANC	225.2		
		BASS ISLANDS	238.8		
SILURIAN		G UNIT SHALE	274.9		
		F UNIT SHALE	280.6		
		E UNIT CARB.	302.9		
		D UNIT SALT	0.		
		C UNIT SHALE	391.9		
		MARKER	392.9		
		B UNIT SALT	0.		
		ANHY.			
		CARB.	365.7		
		A-2 UNIT SALT	0.		
		ANHY.	0.		
		CARB.	379.3		
		A-1 UNIT EVAP.	0.		
	GUELPH		389.6		
	BRAMOSA		0.		
	AMABEL	GOAT ISLAND	418.5		
		GASPORT	455.9		
		ROCHESTER	461.9		
		IRONDEQUOIT	479.0		
		REYNALES	479.2		
		THOROLD	478.5		
	CATARACT	GRIMSBY	489.5		
		CABOT HEAD	494.8		
		MANITOULIN	0.		
		WHIRLPOOL	522.8		
ORDOVICIAN	QUEENSTON		529.0		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 537.0 MDC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
466.0-	SHOW	
522.0-	SHOW	
475.0- 500.0	3 M3/D	4797 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.4KG	151.6	CEMENTED	
194MM	29.7KG	195.7	CEMENTED	
114MM	14.1KG	534.5	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
54.0- 538.5	GRNL.	54.0- 538.5	CALP
196.0- 538.5	DENL.	196.0- 538.5	LATL
430.0- 529.0	CHPL.		

CORING RECORD

CONDITION: STORED: *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

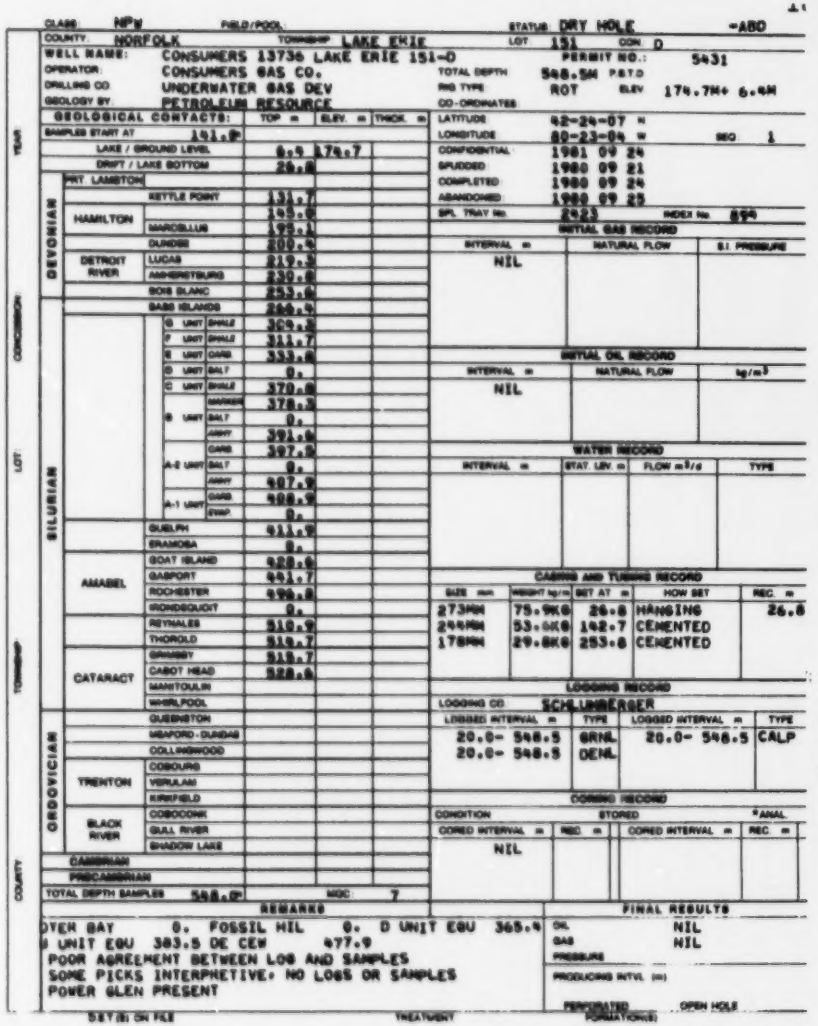
REMARKS

DE CEW 0. FOSSIL HIL 0. DYER BAY 0.
D UNIT EQU 338.3 B UNIT EQU 354.8
POOR SAMPLE QUALITY
CRITICAL MISSING SAMPLES

FINAL RESULTS

OIL: NIL
GAS: 3 M3/D
PRESSURE: 4821 KPA
PRODUCING INTVL (m): 484.7- 485.7, 493.9- 499.6, 504.8- 505.8
PERFORATED: YES OPEN HOLE:
FORMATION(S): GRIMSBY, CABOT HEAD

1 DST(S) ON FILE TREATMENT



CLASS: NPW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 151 CON: D

WELL NAME: CONSUMERS 13736 LAKE ERIE 151-D PERMIT NO.: 5431

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 548.5M PBTD

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+ 6.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES

LATITUDE: 42-24-07 N

LONGITUDE: 80-23-04 W SEC 1

CONFIDENTIAL: 1981 09 24

SPUDDED: 1980 09 21

COMPLETED: 1980 09 24

ABANDONED: 1980 09 25

BPL TRAY No: 5423 INDEX No: 894

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 191.0					
LAKE / GROUND LEVEL			6.9	174.7	
DRIFT / LAKE BOTTOM			26.8		
DEVONIAN	PRT. LAMBTON				
		KETTLE POINT	131.7		
	HAMILTON		145.0		
		MARCELLUS	195.1		
		DUNDEE	200.4		
	DETROIT RIVER	LUCAS	219.3		
		AMHERSTBURG	230.6		
		BOIS BLANC	253.6		
		BASS ISLANDS	266.4		
SILURIAN		G UNIT SHALE	309.2		
		F UNIT SHALE	311.7		
		E UNIT CARB.	333.8		
		D UNIT SALT	0.		
		C UNIT SHALE	370.8		
		MARKER	378.3		
		B UNIT SALT	0.		
		ANHY.	391.4		
		CARB.	397.2		
		A-2 UNIT SALT	0.		
		ANHY.	407.9		
		CARB.	408.9		
		A-1 UNIT EVAP.	0.		
	GUELPH		411.9		
	BRAMOSA		0.		
	AMABEL	GOAT ISLAND	428.6		
		GASPORT	451.7		
		ROCHESTER	496.8		
		IRONDEQUOIT	0.		
		REYNALES	510.9		
		THOROLD	519.7		
	CATARACT	GRIMSBY	518.7		
		CABOT HEAD	528.6		
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	QUEENSTON				
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 548.0 MDC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m3
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m3/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	26.8	HANGING	26.8
244MM	53.6KG	142.7	CEMENTED	
178MM	29.8KG	253.8	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 548.5	GRNL.	20.0- 548.5	CALP
20.0- 548.5	DENL.		

CORING RECORD

CONDITION: STORED: *ANAL.

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

DYER BAY 0. FOSSIL HIL 0. D UNIT EQU 365.4
B UNIT EQU 383.5 DE CEW 477.9
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE- NO LOGS OR SAMPLES
POWER GLEN PRESENT

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED: OPEN HOLE:
FORMATION(S):

DST(S) ON FILE TREATMENT

CABOT HEAD

CLASS: NPW FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 151 CON: 6

WELL NAME: CONSUMERS 13653 LAKE ERIE 151-6 PERMIT NO.: 5243

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 572.0M P.B.T.D

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV 174.6M+ 6.4M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 132.0				
	LAKE / GROUND LEVEL	6.5	174.6	
	DRIFT / LAKE BOTTOM	26.2		
DEVONIAN	PRT. LAMBTON	0.		
	KETTLE POINT	129.6		
	HAMILTON	197.1		
	MARCELLUS			
	DUNDEE	202.7		
	DETROIT RIVER LUCAS	221.3		
	AMHERSTBURG	233.6		
	BOIS BLANC	257.2		
	BASS ISLANDS	268.6		
SILURIAN	G UNIT SHALE	305.6		
	F UNIT SHALE	313.0		
	E UNIT CARB	334.8		
	D UNIT SALT	0.		
	C UNIT SHALE	372.8		
	MARKER	381.4		
	B UNIT SALT	0.		
	ANHY.	399.9		
	CARB	400.3		
	A-2 UNIT SALT	0.		
	ANHY.	410.5		
	CARB	411.6		
	A-1 UNIT EVAP			
	GUELPH	414.8		
	ERAMOSA	0.		
	AMABEL GOAT ISLAND			
	GASPORT	446.4		
	ROCHESTER	497.8		
	IRONDEQUOIT			
	REYNALES	512.1		
	THOROLD	515.8		
	CATARACT GRIMSBY	517.5		
	CABOT HEAD	532.6		
	MANITOULIN	556.2		
	WHIRLPOOL	560.4		
ORDOVICIAN	QUEENSTON	562.3		
	MEAFORD - DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	VERULAM			
	KIRKFIELD			
	BLACK RIVER COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				

TOTAL DEPTH SAMPLES 570.0 MDC:

LATITUDE: 42-23-59 N

LONGITUDE: 80-23-01 W SEC. 1

CONFIDENTIAL: 1981 07 30

SPUDDED: 1980 07 27

COMPLETED: 1980 07 30

ABANDONED: 1980 07 31

SPL. TRAY No 2926 INDEX No 902

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
514.0- 529.0	SHOW	240 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	26.9	HANGING	26.9
244MM	53.6KG	130.0	CEMENTED	
178MM	29.8KG	254.8	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
20.0- 566.5	GRNL	254.8- 572.0	DENL
257.0- 567.3	LATL		

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EGU 367.8
B UNIT EGU 387.1 DE CEW 476.1
POOR AGREEMENT BETWEEN LOG AND SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE

D.S.T.(S) ON FILE TREATMENT FORMATION(S)

11

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 152 CON: E

WELL NAME: CONSUMERS 13655 LAKE ERIE 152-E PERMIT NO.: 5245

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 573.0M P.B.T.D 560.2M

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV 174.7M+ 6.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 163.0				
	LAKE / GROUND LEVEL	6.5	174.7	
	DRIFT / LAKE BOTTOM			
DEVONIAN	PRT. LAMBTON	0.		
	KETTLE POINT	21.8		
	HAMILTON	136.0		
	MARCELLUS	178.7		
	DUNDEE	193.2		
	DETROIT RIVER LUCAS	211.2		
	AMHERSTBURG	225.6		
	BOIS BLANC	249.4		
	BASS ISLANDS	266.8		
SILURIAN	G UNIT SHALE	299.6		
	F UNIT SHALE	301.7		
	E UNIT CARB	324.3		
	D UNIT SALT	0.		
	C UNIT SHALE	362.9		
	MARKER	370.3		
	B UNIT SALT	0.		
	ANHY.	383.3		
	CARB	389.0		
	A-2 UNIT SALT	0.		
	ANHY.	399.2		
	CARB	400.5		
	A-1 UNIT EVAP	0.		
	GUELPH	403.9		
	ERAMOSA	0.		
	AMABEL GOAT ISLAND	423.3		
	GASPORT	435.7		
	ROCHESTER	497.9		
	IRONDEQUOIT	0.		
	REYNALES	511.9		
	THOROLD	519.0		
	CATARACT GRIMSBY	518.4		
	CABOT HEAD	530.9		
	MANITOULIN	555.0		
	WHIRLPOOL	559.6		
ORDOVICIAN	QUEENSTON	560.6		
	MEAFORD - DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	VERULAM			
	KIRKFIELD			
	BLACK RIVER COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				

TOTAL DEPTH SAMPLES 573.0 MDC: 6

LATITUDE: 42-24-12 N

LONGITUDE: 80-29-20 W SEC. 1

CONFIDENTIAL: 1980 06 28

SPUDDED: 1980 05 25

COMPLETED: 1980 05 28

ABANDONED:

SPL. TRAY No 2203 INDEX No. 884

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
512.0- 522.0	6230 M3/D	5166 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	27.7	HANGING	27.7
219MM	35.7KG	140.5	CEMENTED	
114MM	14.1KG	570.1	CEMENTED	
60MM	7.0KG	512.9	HANGING	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
30.0- 572.5	GRNL	500.0- 559.0	CMPL
142.9- 570.2	LATL		

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. D UNIT EGU 357.4
B UNIT EGU 375.7 DE CEW 475.2
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS 6230 M3/D
PRESSURE 5166 KPA
PRODUCING INTVL (m) 517.0- 518.2
519.2- 519.8 520.0- 521.0
PERFORATED YES OPEN HOLE
FORMATION(S) THOROLD
GRIMSBY

D.S.T.(S) ON FILE TREATMENT

11

CLASS: EXTEN FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 152 CON: L

WELL NAME: CONSUMERS 13694 LAKE ERIE 152-L PERMIT NO.: 5244

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 591.0M PBTD

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+ 6.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES

LATITUDE: 42-22-55 N

LONGITUDE: 80-26-56 W SEQ: 1

CONFIDENTIAL: 1981 05 24

SPUDDED: 1980 05 20

COMPLETED: 1980 05 24

ABANDONED: 1980 05 24

SPL TRAY No: 2194 INDEX No: 886

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			147.0		
LAKE / GROUND LEVEL			6.5	174.7	
DRIFT / LAKE BOTTOM			28.1		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	113.3		
		MARCELLUS	158.0		
	DETROIT RIVER	DUNDEE	212.8		
		LUCAS	231.0		
		AMHERSTBURG	248.0		
		BOIS BLANC	270.2		
SILURIAN		BASS ISLANDS	290.0		
		G UNIT SHALE	317.7		
		F UNIT SHALE	329.0		
		E UNIT CARB	348.0		
		D UNIT SALT	0.		
		C UNIT SHALE	383.6		
		MARKER	392.0		
		B UNIT SALT	0.		
		ANHY	409.6		
		CARB	411.7		
		A-2 UNIT SALT	0.		
		ANHY	421.9		
		CARB	423.1		
		A-1 UNIT EVAP	427.1		
	GUELPH		429.1		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	439.9		
		GASPORT	470.2		
		ROCHESTER	512.9		
		IRONDEQUOIT	0.		
	CATARACT	REYNALES	526.9		
		THOROLD	530.3		
		GRIMSBY	539.1		
		CABOT HEAD	550.9		
		MANITOULIN	570.0		
		WHIRLPOOL	574.8		
ORDOVICIAN	QUEENSTON		579.6		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			591.0	MOC	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	26.1	HANGING	26.1
219MM	35.7KG	144.3	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
30.0- 590.2	GRNL	144.7- 585.4	DENL

CORING RECORD

CONDITION: STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OVER BAY 0. FOSSIL HIL 0. D UNIT EQU 379.0
B UNIT EQU 398.0 DE CEW 486.4
CRITICAL MISSING SAMPLES
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED FORMATION(S): OPEN HOLE:

DST(S) ON FILE TREATMENT

CLASS: NFb FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 153 CON: R

WELL NAME: CONSUMERS 13664 LAKE ERIE 153-R PERMIT NO.: 5254

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 608.0M PBTD

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+13.0M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES

LATITUDE: 42-21-07 N

LONGITUDE: 80-32-07 W SEQ: 1

CONFIDENTIAL: 1981 09 10

SPUDDED: 1980 09 06

COMPLETED: 1980 09 09

ABANDONED: 1980 09 10

SPL TRAY No: 2334 INDEX No: 892

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT			141.0		
LAKE / GROUND LEVEL			13.0	174.7	
DRIFT / LAKE BOTTOM			35.4		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	99.2		
		MARCELLUS	172.5		
	DETROIT RIVER	DUNDEE	0.		
		LUCAS	227.8		
		AMHERSTBURG	245.0		
		BOIS BLANC	259.3		
SILURIAN		BASS ISLANDS	286.0		
		G UNIT SHALE	296.6		
		F UNIT SHALE	333.3		
		E UNIT CARB	341.0		
		D UNIT SALT	363.6		
		C UNIT SHALE	0.		
		MARKER	401.2		
		B UNIT SALT	408.2		
		ANHY	0.		
		CARB	422.4		
		A-2 UNIT SALT	428.3		
		ANHY	0.		
		CARB	438.4		
		A-1 UNIT EVAP	439.6		
	GUELPH		0.		
	ERAMOSA		442.7		
	AMABEL	GOAT ISLAND	0.		
		GASPORT			
		ROCHESTER	533.8		
		IRONDEQUOIT	0.		
	CATARACT	REYNALES	547.1		
		THOROLD	551.0		
		GRIMSBY	554.8		
		CABOT HEAD	568.5		
		MANITOULIN	592.7		
		WHIRLPOOL	596.8		
ORDOVICIAN	QUEENSTON		597.7		
	MEAFORD - DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES			608.0	MOC	7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
146.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	35.4	HANGING	35.4
219MM	35.7KG	139.6	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
39.5- 602.3	GRNL	139.6- 607.0	DENL
524.0- 603.0	LATL		

CORING RECORD

CONDITION: STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 395.7
B UNIT EQU 414.3 DE CEW 512.2

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED FORMATION(S): OPEN HOLE:

DST(S) ON FILE TREATMENT

CLASS: EXTEN FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 153 CON: P

WELL NAME: CONSUMERS 13665 LAKE ERIE 153-P PERMIT NO.: 5255

OPERATOR: UNDERWATER GAS DEV TOTAL DEPTH: 608.4M P.B.T.D

DRILLING CO: CONSUMERS GAS CO. RIG TYPE: ROT ELEV 174.7M+13.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 191.0P					
LAKE / GROUND LEVEL			13.2	174.7	
DRIFT / LAKE BOTTOM			35.9		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	113.4		
		MARCELLUS	162.0		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	218.9		
		AMHERSTBURG	235.0		
		BOIS BLANC	250.5		
		BASS ISLANDS	275.2		
SILURIAN		G UNIT SHALE	287.7		
		F UNIT SHALE	323.6		
		E UNIT CARB.	331.3		
		D UNIT SALT	355.8		
		C UNIT SHALE	0.		
		MARKER	392.3		
		B UNIT SALT	401.9		
		ANHY.	0.		
		CARB	413.8		
		A-2 UNIT SALT	419.8		
		ANHY.	0.		
		CARB	430.9		
		A-1 UNIT EVAP	431.7		
		GUELPH	0.		
		ERAMOSA	435.3		
	AMABEL	GOAT ISLAND	0.		
		GASPORT			
		ROCHESTER	528.0		
		IRONDEQUOIT	0.		
		REYNALES	540.7		
		THOROLD	545.8		
	CATARACT	GRIMSBY	547.9		
		CABOT HEAD	561.5		
		MANITOULIN	581.8		
		WHIRLPOOL	588.8		
		QUEENSTON	590.9		
ORDOVICIAN		MEAFORD - DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 608.4P MOC 7

LATITUDE 42-21-51 N

LONGITUDE 80-34-27 W SEC 1

CONFIDENTIAL: 1981 09 06

SPUDDED: 1980 09 02

COMPLETED: 1980 09 06

ABANDONED: 1980 09 06

SPL. TRAY No 2328 INDEX No 891

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
172.0-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	35.5	HANGING	35.5
219MM	35.7KG	137.7	CEMENTED	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
41.0- 598.3	GRNL	138.0- 603.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 387.4
B UNIT EQU 406.6 DE CEW 501.6

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m)
PERFORATED OPEN HOLE
FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 155 CON: J

WELL NAME: CONSUMERS 13727 LAKE ERIE 155-J PERMIT NO.: 5333

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 569.5M P.B.T.D 553.1M

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV 176.7M+ 6.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 150.0P					
LAKE / GROUND LEVEL			6.5	176.7	
DRIFT / LAKE BOTTOM					
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	117.7		
		MARCELLUS	126.8		
		DUNDEE	171.9		
	DETROIT RIVER	LUCAS	180.2		
		AMHERSTBURG	201.9		
		BOIS BLANC	216.8		
		BASS ISLANDS	239.0		
SILURIAN		G UNIT SHALE	257.4		
		F UNIT SHALE	289.8		
		E UNIT CARB.	299.7		
		D UNIT SALT	320.6		
		C UNIT SHALE	0.		
		MARKER	360.8		
		B UNIT SALT	371.8		
		ANHY.	0.		
		CARB	384.8		
		A-2 UNIT SALT	389.1		
		ANHY.	0.		
		CARB	400.9		
		A-1 UNIT EVAP	401.7		
		GUELPH	0.		
		ERAMOSA	404.6		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	437.9		
		ROCHESTER	452.2		
		IRONDEQUOIT	499.7		
		REYNALES	0.		
		THOROLD	509.9		
	CATARACT	GRIMSBY	513.7		
		CABOT HEAD	516.2		
		MANITOULIN	530.0		
		WHIRLPOOL	551.6		
		QUEENSTON	555.7		
ORDOVICIAN		MEAFORD - DUNDAS	557.1		
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 569.0P MOC 6

LATITUDE 42-23-56 N

LONGITUDE 80-40-33 W SEC 1

CONFIDENTIAL: 1980 06 14

SPUDDED: 1980 05 10

COMPLETED: 1980 05 14

ABANDONED:

SPL. TRAY No 5256 INDEX No 882

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
516.5- 520.2		1719 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
264.0-			SALT
414.0-			SALT

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	75.9KG	27.8	HANGING	27.8
219MM	35.7KG	146.2	CEMENTED	
114MM	14.1KG	564.7	CEMENTED	
60MM	7.0KG	512.2	HANGING	

LOGGING RECORD

LOGGING CO SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
50.0- 568.0	GRNL	470.0- 551.0	CMPL
147.0- 564.0	LATL	50.0- 568.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
514.3- 532.3	17.1P		

REMARKS

FOSSIL HIL 0. DYER BAY 0. B UNIT EQU 374.5
DE CEW 480.0
SOME PICKS INTERPRETIVE. NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE 1719 KPA
PRODUCING INTVL (m) 516.7- 520.0
PERFORATED YES OPEN HOLE
FORMATION(S) GRIMSBY

D.S.T.(S) ON FILE TREATMENT

CLASS: EXTEN FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: NORFOLK TOWNSHIP: LAKE ERIE LOT: 107 CON: J

WELL NAME: CONSUMERS 13677 LAKE ERIE 107-J PERMIT NO.: 5267

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 621.0M P.B.T.D.

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+ 6.5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 139.0					
LAKE / GROUND LEVEL			6.5	174.7	
DRIFT / LAKE BOTTOM			27.0		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	87.2		
		MARCELLUS	178.2		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	227.0		
		AMHERSTBURG	0.		
		BOIS BLANC	261.0		
		BASS ISLANDS	282.0		
SILURIAN		G UNIT SHALE	309.3		
		F UNIT SHALE	339.6		
		E UNIT CARB	342.9		
		D UNIT SALT	360.8		
		C UNIT SHALE	0.		
		B UNIT MARKER	409.8		
		SALT	419.8		
		ANHY	0.		
		CARB	427.3		
		A-2 UNIT SALT	439.8		
		ANHY	0.		
		CARB	445.8		
		A-1 UNIT CARB	448.9		
		EVAP	0.		
	GUELPH		450.9		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	516.9		
		GASPORT	542.9		
		ROCHESTER	546.2		
		IRONDEQUOIT	0.		
		REYNALES	559.5		
		THOROLD	569.8		
		GRIMSBY	569.9		
	CATARACT	CABOT HEAD	583.9		
		MANITOULIN	602.4		
		WHIRLPOOL	608.0		
ORDOVICIAN	QUEENSTON		609.7		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 621.0		MQC:	6		

LATITUDE: 42-18-43 N

LONGITUDE: 80-40-18 W SEQ: 1

CONFIDENTIAL: 1981 09 27

SPUDDED: 1980 09 24

COMPLETED: 1980 09 27

ABANDONED: 1980 09 28

SPL. TRAY No: 2619 INDEX No: 922

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
565.0- 571.5		5465 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	27.9	HANGING	27.9
219MM	35.7KG	136.3	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
15.0- 613.4	GRNL	136.5- 618.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

DE CEW 0. DYER BAY 0. D UNIT EQU 401.0
B UNIT EQU 420.2 FOSSIL HIL 562.0
POOR AGREEMENT BETWEEN LOG AND SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

1 D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: SOUTH WALSINGHAM LOT: 8 CON: II

WELL NAME: CONSUMERS 32928 SOUTH WALSINGHAM 2-8-II PERMIT NO.: 5208

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 476.6M P.B.T.D.

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 205.2M+ 1.8M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 146.3M S; 207.3M E

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT 137.0					
LAKE / GROUND LEVEL				205.2	
DRIFT / LAKE BOTTOM			1.8		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	21.2		
		MARCELLUS	90.9		
		DUNDEE	102.0		
	DETROIT RIVER	LUCAS	105.6		
		AMHERSTBURG	113.3		
		BOIS BLANC	148.5		
		BASS ISLANDS	167.6		
SILURIAN		G UNIT SHALE	188.8		
		F UNIT SHALE	215.8		
		E UNIT CARB	222.8		
		D UNIT SALT	245.9		
		C UNIT SHALE	0.		
		B UNIT MARKER	282.8		
		SALT	292.0		
		ANHY	0.		
		CARB	305.0		
		A-2 UNIT SALT	310.5		
		ANHY	0.		
		A-1 UNIT CARB	319.9		
		EVAP	321.6		
	GUELPH		0.		
	ERAMOSA		329.9		
	AMABEL	GOAT ISLAND	0.		
		GASPORT	350.8		
		ROCHESTER	0.		
		IRONDEQUOIT	403.3		
		REYNALES	0.		
		THOROLD	416.2		
		GRIMSBY	418.2		
	CATARACT	CABOT HEAD	419.8		
		MANITOULIN	431.8		
		WHIRLPOOL	453.0		
ORDOVICIAN	QUEENSTON		455.6		
	MEAFORD-DUNDAS		456.9		
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					
TOTAL DEPTH SAMPLES 472.0		MQC			

LATITUDE: 42-37-20 N

LONGITUDE: 80-32-54 W SEQ: 1

CONFIDENTIAL: 1980 03 22

SPUDDED: 1980 02 20

COMPLETED: 1980 02 22

ABANDONED:

SPL. TRAY No: 3925 INDEX No: 874

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
180MM	25.3KG	128.3	CEMENTED	
115MM	14.1KG	461.3	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 469.0	GRNL	133.0- 469.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

YER BAY 0. FOSSIL HIL 0. D UNIT EQU 277.7
B UNIT EQU 297.4 DE CEW 394.0
SPRINGVALE AT BASE OF BOIS BLANC
POOR AGREEMENT BETWEEN LOG AND SAMPLES
UPPER PICKS INTERPRETIVE: NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE

PRODUCING INTVL (m) 420.6- 422.8

PERFORATED YES OPEN HOLE

FORMATION(S) GRIMSBY

D.S.T.(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: NORFOLK TOWNSHIP: SOUTH WALSINGHAM LOT: 6 CON: II

WELL NAME: CONSUMERS 32919 SOUTH WALSINGHAM 6-6-II PERMIT NO.: 5192

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH 480.0M P.B.T.D 459.1M

DRILLING CO: UNDERWATER GAS DEV RIG TYPE ROT ELEV 206.5M+ 1.6M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES 395.3M N; 231.6M E

LATITUDE 42-36-18 N

LONGITUDE 80-31-59 W SEQ 1

CONFIDENTIAL 1980 02 27

SPUDDED 1980 01 24

COMPLETED 1980 01 27

ABANDONED

SPL. TRAY No. 2342 INDEX No 672

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 130.0m			
LAKE / GROUND LEVEL		206.5	
DRIFT / LAKE BOTTOM	1.6		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — HAMILTON — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS			
DEVONIAN — DUNDEE	107.5		
DEVONIAN — DETROIT RIVER — LUCAS	134.0		
DEVONIAN — DETROIT RIVER — AMHERSTBURG	150.0		
DEVONIAN — DETROIT RIVER — BOIS BLANC	176.0		
SILURIAN — SALINA — BASS ISLANDS	192.5		
SILURIAN — SALINA — G UNIT SHALE	217.0		
SILURIAN — SALINA — F UNIT SHALE	229.5		
SILURIAN — SALINA — E UNIT CARB.	253.0		
SILURIAN — SALINA — D UNIT SALT	0.		
SILURIAN — SALINA — C UNIT SHALE	282.0		
SILURIAN — SALINA — B UNIT MARKER	295.5		
SILURIAN — SALINA — B UNIT SALT	0.		
SILURIAN — SALINA — B UNIT ANHY.	306.5		
SILURIAN — SALINA — B UNIT CARB.	313.7		
SILURIAN — SALINA — A-2 UNIT SALT			
SILURIAN — SALINA — A-2 UNIT ANHY.	315.5		
SILURIAN — SALINA — A-1 UNIT CARB.	318.7		
SILURIAN — SALINA — A-1 UNIT EVAP			
SILURIAN — GUELPH	329.5		
SILURIAN — ERAMOSA	0.		
SILURIAN — AMABEL — GOAT ISLAND	350.7		
SILURIAN — AMABEL — GASPORT	392.9		
SILURIAN — AMABEL — ROCHESTER	398.0		
SILURIAN — AMABEL — IRONDEQUOIT			
SILURIAN — REYNALES	418.9		
SILURIAN — THOROLD	422.0		
SILURIAN — CATARACT — GRIMSBY	425.5		
SILURIAN — CATARACT — CABOT HEAD	430.0		
SILURIAN — CATARACT — MANITOULIN	454.9		
SILURIAN — CATARACT — WHIRLPOOL	0.		
ORDOVICIAN — QUEENSTON	458.0		
ORDOVICIAN — MEAFORD-DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 475.0m	MOC:		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
423.1- 428.5	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
180MM	25.3KG	124.5	CEMENTED	
115MM	14.1KG	473.1	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 479.5	GRNL	126.5- 480.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m) 423.1- 428.5

PERFORATED YES OPEN HOLE

FORMATION(S) THOROLD GRIMSBY

REMARKS

FOSSIL HIL 0. DYER BAY 0. B UNIT EQU 300.0
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SYLVANIA FACIES PRESENT
ORISKANY AT BASE OF BOIS BLANC

D.S.Y.(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: OXFORD TOWNSHIP: BLENHEIM LOT: 11 CON: VI

WELL NAME: DRUMBO #1 BLENHEIM 8-11-VI PERMIT NO.: 5178

OPERATOR: DRUMBO ENERGY TOTAL DEPTH 847.3M P.B.T.D

DRILLING CO: NEWPORT WELLINGTON RIG TYPE ELEV 294.5M+ 1.0M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES 212.0M N; 170.0M W

LATITUDE 43-13-44 N

LONGITUDE 80-32-10 W SEQ 1

CONFIDENTIAL 1980 05 29

SPUDDED 1980 01 02

COMPLETED 1980 04 29

ABANDONED 1980 08 11

SPL. TRAY No. 4559 INDEX No 208

GEOLOGICAL CONTACTS:	TOP m	ELEV. m	THICK. m
SAMPLES START AT 61.0m			
LAKE / GROUND LEVEL		294.5	
DRIFT / LAKE BOTTOM	1.0		
DEVONIAN — PRT. LAMBTON			
DEVONIAN — HAMILTON — KETTLE POINT			
DEVONIAN — HAMILTON — MARCELLUS			
DEVONIAN — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG			
DEVONIAN — DETROIT RIVER — BOIS BLANC			
SILURIAN — SALINA — BASS ISLANDS			
SILURIAN — SALINA — G UNIT SHALE			
SILURIAN — SALINA — F UNIT SHALE			
SILURIAN — SALINA — E UNIT CARB.	61.0		
SILURIAN — SALINA — D UNIT SALT			
SILURIAN — SALINA — C UNIT SHALE	72.0		
SILURIAN — SALINA — B UNIT MARKER			
SILURIAN — SALINA — B UNIT SALT			
SILURIAN — SALINA — B UNIT ANHY.	76.0		
SILURIAN — SALINA — B UNIT CARB.	85.0		
SILURIAN — SALINA — A-2 UNIT SALT			
SILURIAN — SALINA — A-2 UNIT ANHY.	97.0		
SILURIAN — SALINA — A-1 UNIT CARB.	103.0		
SILURIAN — SALINA — A-1 UNIT EVAP			
SILURIAN — GUELPH	109.0		
SILURIAN — ERAMOSA	149.0		
SILURIAN — AMABEL — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT	197.0		
SILURIAN — AMABEL — ROCHESTER	204.0		
SILURIAN — AMABEL — IRONDEQUOIT	213.0		
SILURIAN — REYNALES	222.0		
SILURIAN — THOROLD	0.		
SILURIAN — CATARACT — GRIMSBY	225.0		
SILURIAN — CATARACT — CABOT HEAD	231.0		
SILURIAN — CATARACT — MANITOULIN	239.0		
SILURIAN — CATARACT — WHIRLPOOL	247.0		
ORDOVICIAN — QUEENSTON	248.0		
ORDOVICIAN — MEAFORD-DUNDAS	366.0		
ORDOVICIAN — COLLINGWOOD	585.0		
ORDOVICIAN — TRENTON — COBOURG	617.8		
ORDOVICIAN — TRENTON — VERULAM	662.6		
ORDOVICIAN — TRENTON — KIRKFIELD	725.1		
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER	772.9		
ORDOVICIAN — BLACK RIVER — SHADOW LAKE	838.8		
CAMBRIAN	0.		
PRECAMBRIAN	844.9		
TOTAL DEPTH SAMPLES 847.3m	MOC: 6		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
805.3- 815.9	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
55.6-	12.2		FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
273MM	48.7KG	61.4	CASING SHOE	12.2
193MM	29.8KG	201.5	PACKER	201.5

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
609.6- 844.9	GRNL	609.6- 844.9	DENL

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m	
NIL				

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

REMARKS

DYER BAY 0. DE CEW 0. FOSSIL HIL 216.0

D.S.Y.(S) ON FILE TREATMENT

NORFOLK & OXFORD COUNTIES

CLASS: NPH FIELD/POOL: STATUS OIL& GAS -ABD

COUNTY: OXFORD TOWNSHIP: BLENHEIM LOT: 20 CON IV

WELL NAME: PORTREE SHELTER BLENHEIM B-20-IV PERMIT NO.: 5376

OPERATOR: PORTREE OIL & GAS TOTAL DEPTH 879.0M P.B.T.D

DRILLING CO: ASHBURN RIG TYPE CAB ELEV 287.6M + 1.4M

GEOLOGY BY: PETROLEUM RESOURCES CO-ORDINATES 106.7M N : 106.7M W

LATITUDE 43 11 36 N

LONGITUDE 80 35 28 W SEC 1

CONFIDENTIAL 1981 07 22

SPUDDED 1980 05 15

COMPLETED 1980 07 22

ABANDONED 1980 08 06

SPL. TRAY No 6522 INDEX No 212

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 54 m				
LAKE / GROUND LEVEL				
DRIFT / LAKE BOTTOM		1.4		
DEVONIAN	PRT. LAMBTON			
	KETTLE POINT			
HAMILTON	MARCELLUS			
	DUNDEE			
DETROIT RIVER	LUCAS			
	AMHERSTBURG			
	BOIS BLANC			
SILURIAN	BASS ISLANDS			
	G UNIT SHALE			
	F UNIT SHALE			
	E UNIT CARB.	50.0		
	D UNIT SALT	0.0		
	C UNIT SHALE	82.3		
	B UNIT MARKER			
	B UNIT SALT	0.0		
	B UNIT ANHY	0.0		
	B UNIT CARB.	107.2		
	A-2 UNIT SALT	0.0		
	A-2 UNIT ANHY	0.0		
	A-1 UNIT CARB	0.0		
	A-1 UNIT EVAP	0.0		
	GUELPH	132.3		
	ERAMOSA	0.0		
AMABEL	GOAT ISLAND			
	GASPORT			
	ROCHESTER	232.9		
	IRONDEQUOIT	0.0		
	REYNALES	246.0		
	THOROLD	0.0		
	GRIMSBY	0.0		
CATARACT	CABOT HEAD	252.1		
	MANITOULIN	269.4		
	WHIRLPOOL	0.0		
ORDOVICIAN	QUEENSTON	276.5		
	MEAFORD - DUNDAS	439.5		
	COLLINGWOOD	615.1		
TRENTON	COBOURG	647.4		
	VERULAM	0.0		
	KIRKFIELD	753.8		
BLACK RIVER	COBOCONK	800.1		
	GULL RIVER			
	SHADOW LAKE	867.2		
CAMBRIAN		869.9		
PRECAMBRIAN		873.9		
TOTAL DEPTH SAMPLES 879 m		MOC	7	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
870.2 - 871.1	7 M3/D	179 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
870.2 - 871.1	SHOW	

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
19.8 -	6.1		FRESH
57.9 -	6.1		FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
340MM	71.1KG	54.2	CASING SHOE	54.2
273MM	60.3KG	64.9	CASING SHOE	64.9
219MM	35.7KG	267.6	PACKER	267.6
178MM	29.8KG	655.6	CEMENTED	574.2

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1 - 878.7	GRNL	655.3 - 878.4	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m

REMARKS

DECEW 0 , FOSSIL HILL 0 DYER BAY 0

FINAL RESULTS

OIL

GAS

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

FORMATION(S)

D.S.T.(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS GAS PRODUCER -ABD

COUNTY: OXFORD TOWNSHIP: DEREHAM LOT: 8 CON III

WELL NAME: UNEX #1 DEREHAM S-8-III PERMIT NO.: 5387

OPERATOR: UNIVERSAL TOTAL DEPTH: 372.4M P.B.T.D

DRILLING CO. UNICOR DRILLING RIG TYPE: ROT ELEV 295.0M+ 5.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 645.5M NI 116.0M W

LATITUDE: 42-58-57 N

LONGITUDE: 80-46-57 W SEC 1

CONFIDENTIAL: 1981 07 17

SPUDDED: 1980 06 24

COMPLETED: 1980 07 17

ABANDONED: 1980 07 17

SPL. TRAY No. 5241 INDEX No 209

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 5.2m				
LAKE / GROUND LEVEL			295.0	
DRIFT / LAKE BOTTOM		5.2		
DEVONIAN	PRT. LAMBTON	0.		
	KETTLE POINT	0.		
HAMILTON		0.		
	MARCELLUS	0.		
	DUNDEE	0.		
DETROIT RIVER	LUCAS	67.4		
	AMHERSTBURG	99.9		
	BOIS BLANC	126.0		
SILURIAN	BASS ISLANDS	138.2		
	G UNIT SHALE	150.5		
	F UNIT SHALE	158.4		
	E UNIT CARB	187.5		
	D UNIT SALT	0.		
	C UNIT SHALE	224.5		
	B UNIT MARKER	231.5		
	B UNIT SALT	0.		
	B UNIT ANHY	244.5		
	B UNIT CARB	248.5		
	A-2 UNIT SALT	0.		
	A-2 UNIT ANHY	263.7		
	A-1 UNIT CARB	264.5		
	A-1 UNIT EVAP	0.		
	GUELPH	271.0		
	ERAMOSA	0.		
AMABEL	GOAT ISLAND	310.0		
	GASPORT	343.5		
	ROCHESTER	356.4		
	IRONDEQUOIT	0.		
	REYNALES	366.7		
	THOROLD	0.		
	GRIMSBY	0.		
CATARACT	CABOT HEAD	369.5		
	MANITOULIN			
	WHIRLPOOL			
ORDOVICIAN	QUEENSTON			
	MEAFORD - DUNDAS			
	COLLINGWOOD			
TRENTON	COBOURG			
	VERULAM			
	KIRKFIELD			
BLACK RIVER	COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 371.0m		MOC	7	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	25.6KG	78.2	CEMENTED	
60MM	7.0KG	372.4	CEMENTED	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
5.0- 372.4	GRNL	254.0- 372.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. D UNIT EQU 219.1
E UNIT EQU 237.1 DE CEW 352.0
SPRINGVALE AT BASE OF BOIS BLANC

FINAL RESULTS

OIL NIL

GAS 5000 M3/D

PRESSURE

PRODUCING INTVL (m) 366.0- 368.0

PERFORATED YES OPEN HOLE

FORMATION(S) ROCHESTER REYNALES

D.S.T.(S) ON FILE TREATMENT

CLASS: NPW FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: OXFORD TOWNSHIP: DEREHAM LOT: 16 CON: IV

WELL NAME: UNEX #4 DEREHAM 3-16-IV PERMIT NO.: 5441

OPERATOR: UNIVERSAL TOTAL DEPTH: 431.5M P.B.T.D

DRILLING CO.: UNICOR DRILLING RIG TYPE: ROT ELEV. 273.6M+ 5.2M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 520.0M S: 116.0M E

LATITUDE: 42-57-41 N

LONGITUDE: 80-50-01 W SEQ: 1

CONFIDENTIAL: 1980 10 06

SPUDDED: 1980 08 27

COMPLETED: 1980 09 08

ABANDONED: 1980 09 08

SPL. TRAY No.: 2505 INDEX No. 210

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			1.0m		
LAKE / GROUND LEVEL				273.6	
DRIFT / LAKE BOTTOM			5.2		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE	49.5		
	DETROIT RIVER	LUCAS	54.5		
		AMHERSTBURG	81.5		
		BOIS BLANC	107.0		
		BASS ISLANDS	138.3		
SILURIAN		G UNIT SHALE	153.0		
		F UNIT SHALE	163.0		
		E UNIT CARB	192.0		
		D UNIT SALT			
		C UNIT SHALE	231.7		
		B UNIT MARKER	239.6		
		B UNIT SALT			
		B UNIT ANHY.	254.0		
		B UNIT CARB	264.0		
		A-2 UNIT SALT			
		A-2 UNIT ANHY.	274.0		
		A-1 UNIT CARB	277.0		
		A-1 UNIT EVAP.			
	GUELPH		285.5		
	ERAMOSA		306.0		
	AMABEL	GOAT ISLAND	347.3		
		GASPORT	378.0		
		ROCHESTER	384.4		
		IRONDEQUOIT			
	CATARACT	REYNALES	0.		
		THOROLD	0.		
		GRIMSBY	0.		
		CABOT HEAD	417.0		
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN	TRENTON	QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 432.0m MOC 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
178MM	25.6KG	68.1	CEMENTED	

LOGGING RECORD

LOGGING CO. GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 426.1	GRNL	1.0- 426.1	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC m
NIL			

REMARKS

8 UNIT EQU 225.6 8 UNIT EQU 246.0 FOSSIL HIL 411.5
COLUMBUS FACIES PRESENT IN LUCAS
POOR SAMPLE QUALITY

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

D.S.T.(S) ON FILE TREATMENT FORMATION(S)

CLASS: NPW FIELD/POOL: STATUS: GAS SHOW -ABD

COUNTY: OXFORD TOWNSHIP: NORTH NORWICH LOT: 18 CON: II

WELL NAME: UNEX #2 NORTH NORWICH 8-18-II PERMIT NO.: 5414

OPERATOR: UNIVERSAL TOTAL DEPTH: 367.4M P.B.T.D

DRILLING CO.: UNICOR DRILLING RIG TYPE: ROT ELEV. 278.4M+ 5.0M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 113.0M N: 169.3M W

LATITUDE: 43-00-25 N

LONGITUDE: 80-40-18 W SEQ: 1

CONFIDENTIAL: 1980 09 06

SPUDDED: 1980 07 22

COMPLETED: 1980 08 06

ABANDONED: 1980 08 06

SPL. TRAY No.: 5362 INDEX No. 211

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			8.0m		
LAKE / GROUND LEVEL				278.4	
DRIFT / LAKE BOTTOM			5.0		
DEVONIAN	PRT. LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE	34.4		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	56.0		
		BOIS BLANC	61.3		
		BASS ISLANDS	80.3		
SILURIAN		G UNIT SHALE	84.0		
		F UNIT SHALE	92.0		
		E UNIT CARB	120.3		
		D UNIT SALT			
		C UNIT SHALE	161.5		
		B UNIT MARKER	165.5		
		B UNIT SALT			
		B UNIT ANHY.	179.0		
		B UNIT CARB	181.4		
		A-2 UNIT SALT			
		A-2 UNIT ANHY.	191.3		
		A-1 UNIT CARB	194.7		
		A-1 UNIT EVAP.			
	GUELPH		202.0		
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER	312.0		
		IRONDEQUOIT	0.		
	CATARACT	REYNALES			
		THOROLD	0.		
		GRIMSBY	0.		
		CABOT HEAD	333.5		
		MANITOULIN	349.4		
		WHIRLPOOL	0.		
ORDOVICIAN	TRENTON	QUEENSTON	359.4		
		MEAFORD-DUNDAS			
		COLLINGWOOD			
		COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES 367.0m MOC 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT. LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
178MM	25.6KG	52.0	CEMENTED	
138MM	14.9KG	210.0	PACKER	210.0

LOGGING RECORD

LOGGING CO. GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 367.4	GRNL	200.0- 367.2	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS

8 UNIT EQU 170.6 FOSSIL HIL 326.4

FINAL RESULTS

OIL NIL

GAS NIL

PRESSURE

PRODUCING INTVL (m)

PERFORATED OPEN HOLE

D.S.T.(S) ON FILE TREATMENT FORMATION(S)

CLASS: DEVEL FIELD/POOL: STATUS: DRY HOLE -ABD

COUNTY: WELLAND TOWNSHIP: LAKE ERIE LOT: 25 CON: W

WELL NAME: CONSUMERS 31893 LAKE ERIE 25-W PERMIT NO.: 5348

OPERATOR: CONSUMERS GAS CO. TOTAL DEPTH: 373.0M PBTD:

DRILLING CO: UNDERWATER GAS DEV RIG TYPE: ROT ELEV: 174.7M+ 6.3M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES:

LATITUDE: 42-45-03 N

LONGITUDE: 79-17-59 W SEQ: 1

CONFIDENTIAL: 1980 06 05

SPUDDED: 1980 05 01

COMPLETED: 1980 05 05

ABANDONED: 1980 05 06

SPL TRAY No: 2954 INDEX No: 200

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT: 81.0m					
LAKE / GROUND LEVEL			6.3	174.7	
DRIFT / LAKE BOTTOM			32.0		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETRO'T RIVER	LUCAS	0.		
		AMHERSTBURG			
		BOIS BLANC	71.5		
SILURIAN		BASS ISLANDS	112.3		
		G UNIT SHALE	118.2		
		F UNIT SHALE	129.9		
		E UNIT CARB	145.0		
		D UNIT SALT	0.		
		C UNIT SHALE	183.0		
		MARKER	193.1		
		B UNIT SALT	0.		
		ANHY	209.0		
		CARB	210.4		
		A-2 UNIT SALT	0.		
		ANHY	223.1		
		CARB	224.3		
		A-1 UNIT EVAP			
	GUELPH		246.0		
	ERAMOSA		250.9		
	AMABEL	GOAT ISLAND	269.7		
		GASPORT	272.5		
		ROCHESTER	294.0		
		IRONDEQUOIT	312.3		
		REYNALES	314.6		
		THOROLD	319.0		
		GRIMSBY	320.0		
	CATARACT	CABOT HEAD	347.0		
		MANITOULIN	0.		
		WHIRLPOOL	353.5		
ORDOVICIAN	QUEENSTON		357.4		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 372.0m MDC: 8

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM	75.9KG	31.3	HANGING	31.3
244MM	53.6KG	81.0	CEMENTED	
178MM	29.8KG	121.0	CEMENTED	

LOGGING RECORD

LOGGING CO: SCHLUMBERGER

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
28.0- 367.5	GRNL	122.0- 368.0	LATL
122.0- 372.0	DENL		

CORING RECORD

CONDITION: STORED: *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.
D UNIT EQU 178.3 B UNIT EQU 199.5
POOR AGREEMENT BETWEEN LOG AND SAMPLES
SOME PICKS INTERPRETIVE. NO LOGS OR SAMPLES

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED / OPEN HOLE
FORMATION(S):

DST(S) ON FILE TREATMENT

CLASS: NFW FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: WELLAND TOWNSHIP: PELHAM LOT: 10 CON: XIV

WELL NAME: BOWMAN DEV. 12 PELHAM 5-10-XIV PERMIT NO.: 5477

OPERATOR: BOWMAN, H.E. TOTAL DEPTH: 201.5M PBTD:

DRILLING CO: MITCHELL, ELGIN RIG TYPE: ROT ELEV: 117.2M+ .5M

GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 1147.6M S: 109.7M W

LATITUDE: 42-58-38 N

LONGITUDE: 79-19-58 W SEQ: 1

CONFIDENTIAL: 1981 10 28

SPUDDED: 1980 10 06

COMPLETED: 1980 10 28

ABANDONED:

SPL TRAY No: 2571 INDEX No: 202

GEOLOGICAL CONTACTS:			TOP m	ELEV m	THICK m
SAMPLES START AT: 40.0m					
LAKE / GROUND LEVEL				117.2	
DRIFT / LAKE BOTTOM			.5		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	0.		
		BOIS BLANC	0.		
SILURIAN		BASS ISLANDS	0.		
		G UNIT SHALE	0.		
		F UNIT SHALE			
		E UNIT CARB	39.5		
		D UNIT SALT	0.		
		C UNIT SHALE	47.2		
		MARKER			
		B UNIT SALT	0.		
		ANHY			
		CARB	55.8		
		A-2 UNIT SALT	0.		
		ANHY			
		CARB			
		A-1 UNIT EVAP			
	GUELPH		67.8		
	ERAMOSA		85.9		
	AMABEL	GOAT ISLAND	116.8		
		GASPORT	0.		
		ROCHESTER	128.0		
		IRONDEQUOIT	143.5		
		REYNALES	145.5		
		THOROLD	147.9		
	CATARACT	GRIMSBY	153.7		
		CABOT HEAD	162.7		
		MANITOULIN	0.		
		WHIRLPOOL	180.9		
ORDOVICIAN	QUEENSTON		184.8		
	MEAFORD-DUNDAS				
	COLLINGWOOD				
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES: 201.0m MDC: 7

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
152.0- 153.5	SHOW	
160.0- 160.5	SHOW	
180.5- 182.0	SHOW	
183.0- 184.5	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
115.0-			FRESH
141.0-			FRESH
168.0-			FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
178MM	34.2KG	53.7	CEMENTED	
114MM	16.1KG	144.2	HOOKWALL PAC	

LOGGING RECORD

LOGGING CO: GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 201.5	GRNL	140.0- 201.5	DENL

CORING RECORD

CONDITION: STORED: *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 124.3

FINAL RESULTS

OIL: NIL
GAS: NIL
PRESSURE:
PRODUCING INTVL (m):
PERFORATED / OPEN HOLE
FORMATION(S):

DST(S) ON FILE TREATMENT

CLASS NPW FIELD/POOL STATUS GAS PRODUCER

COUNTY: WELLAND TOWNSHIP: PELHAM LOT 15 CON XIV

WELL NAME: BOWMAN DEV #10 PELHAM 8-15-XIV PERMIT NO.: 5180

OPERATOR: BOWMAN, H.E.

DRILLING CO: MOERSCHFELDER, F.

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH 189.9M P.B.T.D

RIG TYPE CAB ELEV 174.7M+ .3M

CO-ORDINATES 1886.7M S; 201.2M E

LATITUDE 42-58-52 N

LONGITUDE 79-21-35 W SEC 1

CONFIDENTIAL 1981 01 27

SPUDDED 1980 01 10

COMPLETED 1980 01 27

ABANDONED

SPL TRAY No 3310 INDEX No 22

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 41.0m				
LAKE / GROUND LEVEL			174.7	
DRIFT / LAKE BOTTOM		.5		
DEVONIAN	PRT. LAMBTON	0.		
	KETTLE POINT			
	HAMILTON			
	MARCELLUS	0.		
	DUNDEE	38.1		
	DETROIT RIVER	0.		
	LUCAS			
	AMHERSTBURG			
	BOIS BLANC			
SILURIAN	BASS ISLANDS	0.		
	G UNIT SHALE	0.		
	F UNIT SHALE	0.		
	E UNIT CARB	43.0		
	D UNIT SALT	0.		
	C UNIT SHALE	49.9		
	MARKER	0.		
	B UNIT SALT	0.		
	ANHY	0.		
	CARB	57.0		
	A-2 UNIT SALT	0.		
	ANHY	0.		
	CARB	67.3		
	A-1 UNIT EVAP	0.		
	GUELPH	70.0		
	ERAMOSA	83.9		
	AMABEL GOAT ISLAND	107.5		
	GASPORT	0.		
	ROCHESTER	130.0		
	IRONDEQUOIT	145.1		
	REYNALES	147.3		
	THOROLD	151.0		
	GRIMSBY	159.1		
	CATARACT CABOT HEAD	164.1		
	MANITOULIN	0.		
	WHIRLPOOL	182.9		
ORDOVICIAN	QUEENSTON	189.7		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	VERULAM			
	KIRKFIELD			
	BLACK RIVER COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 189.9m			MDC	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
81.1- 82.9	SHOW	
95.7- 97.5	SHOW	
162.8- 164.0	SHOW	
185.3- 186.5		1731 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
6.1-			FRESH
35.0-			FRESH
63.7-			SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
178MM	29.8KG	41.2	BAREFOOT	
114MM	16.9KG	135.0	BOTTOM PAC	

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 189.0	GRNL	133.0- 189.0	DENL

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

REMARKS

OYER BAY 0. FOSSIL HIL 0. B UNIT EQU 0.
UNIT EQU 0. DE CEW 126.8
SOME PICKS INTERPRETIVE. NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE 1731 KPA
PRODUCING INTVL (m) 185.3- 186.5
PERFORATED OPEN HOLE
FORMATION(S) WHIRLPOOL

DST(s) ON FILE TREATMENT

CLASS DEVEL FIELD/POOL STATUS GAS PRODUCER

COUNTY: WELLAND TOWNSHIP: PELHAM LOT 17 CON XIV

WELL NAME: BOWMAN DEV.11 PELHAM 3-17-XIV PERMIT NO.: 5179

OPERATOR: BOWMAN, H.E.

DRILLING CO: MOERSCHFELDER, F.

GEOLOGY BY: PETROLEUM RESOURCE

TOTAL DEPTH 198.3M P.B.T.D

RIG TYPE CAB ELEV 177.8M+ .7M

CO-ORDINATES 629.5M S; 201.2M E

LATITUDE 42-58-52 N

LONGITUDE 79-22-12 W SEC 1

CONFIDENTIAL 1980 03 28

SPUDDED 1980 02 06

COMPLETED 1980 02 28

ABANDONED

SPL TRAY No 3305 INDEX No 23

GEOLOGICAL CONTACTS:		TOP m	ELEV. m	THICK. m
SAMPLES START AT 47.0m				
LAKE / GROUND LEVEL			177.8	
DRIFT / LAKE BOTTOM		.7		
DEVONIAN	PRT. LAMBTON	0.		
	KETTLE POINT			
	HAMILTON			
	MARCELLUS			
	DUNDEE	41.0		
	DETROIT RIVER	0.		
	LUCAS			
	AMHERSTBURG			
	BOIS BLANC			
SILURIAN	BASS ISLANDS	0.		
	G UNIT SHALE	0.		
	F UNIT SHALE	0.		
	E UNIT CARB	0.		
	D UNIT SALT	0.		
	C UNIT SHALE	46.6		
	MARKER	0.		
	B UNIT SALT	0.		
	ANHY	0.		
	CARB	56.0		
	A-2 UNIT SALT	0.		
	ANHY	0.		
	CARB	65.5		
	A-1 UNIT EVAP	0.		
	GUELPH	68.0		
	ERAMOSA	82.9		
	AMABEL GOAT ISLAND	107.0		
	GASPORT	0.		
	ROCHESTER	128.7		
	IRONDEQUOIT	143.7		
	REYNALES	145.2		
	THOROLD	148.7		
	GRIMSBY	153.0		
	CATARACT CABOT HEAD	163.8		
	MANITOULIN	0.		
	WHIRLPOOL	181.0		
ORDOVICIAN	QUEENSTON	186.9		
	MEAFORD-DUNDAS			
	COLLINGWOOD			
	TRENTON COBOURG			
	VERULAM			
	KIRKFIELD			
	BLACK RIVER COBOCONK			
	GULL RIVER			
	SHADOW LAKE			
CAMBRIAN				
PRECAMBRIAN				
TOTAL DEPTH SAMPLES 197.0m			MDC	

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	SI PRESSURE
118.3- 179.2- 189.9	160 M3/D	1241 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
39.6-			FRESH
45.1- 47.2	9.1		FRESH
68.6- 71.3	7.0		SULPHUR
82.3- 83.5	7.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
178MM	29.8KG	45.7	CEMENTED	
114MM	11.6KG	130.7	CEMENTED	

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 198.3	GRNL	134.5- 198.3	DENL

CORING RECORD

CONDITION	STORED		*ANAL	
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m	
NIL				

REMARKS

OYER BAY 0. FOSSIL HIL 0. B UNIT EQU 0.
UNIT EQU 0. DE CEW 124.6
BARRIER REEF - GUELPH
UPPER PICKS INTERPRETIVE. NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS 160 M3/D
PRESSURE 1241 KPA
PRODUCING INTVL (m) 179.2- 185.9
PERFORATED OPEN HOLE
FORMATION(S) CABOT HEAD

DST(s) ON FILE TREATMENT

WHIRLPOOL

CLASS: DEVEL FIELD/POOL: STATUS: LOST HOLE -ABD

COUNTY: WELLAND TOWNSHIP: WAINFLEET LOT: 2 CON: V

WELL NAME: BOWMAN DEV 9 WAINFLEET 8-2-V

OPERATOR: BOWMAN, H.E.

DRILLING CO: ROERSCHFELDER, F.

GEOLOGY BY:

PERMIT NO.: 5219

TOTAL DEPTH 48.8M PBTD

RIG TYPE CAB ELEV 176.7M+ .6M

CO-ORDINATES 129.7M NI 250.6M W

LATITUDE 42-56-50 N

LONGITUDE 79-17-25 W MAG 1

CONFIDENTIAL 1980 07 09

SPUDDED 1980 05 22

COMPLETED 1980 06 09

ABANDONED 1980 06 16

SPL TRAY No INDEX No

GEOLOGICAL CONTACTS:	TOP m	ELEV m	THICK m
SAMPLES START AT m			
LAKE / GROUND LEVEL		176.7	
DRIFT / LAKE BOTTOM	0		
DEVONIAN: PRT. LAMBTON			
DEVONIAN: HAMILTON: KETTLE POINT			
DEVONIAN: HAMILTON: MARCELLUS			
DEVONIAN: DUNDEE			
DEVONIAN: DETROIT RIVER: LUCAS			
DEVONIAN: DETROIT RIVER: AMHERSTBURG			
DEVONIAN: BOIS BLANC			
DEVONIAN: BASS ISLANDS			
SILURIAN: G UNIT: SHALE			
SILURIAN: F UNIT: SHALE			
SILURIAN: E UNIT: CARB			
SILURIAN: D UNIT: SALT			
SILURIAN: C UNIT: SHALE			
SILURIAN: B UNIT: MARKER			
SILURIAN: B UNIT: SALT			
SILURIAN: B UNIT: ANHY			
SILURIAN: A-2 UNIT: CARB			
SILURIAN: A-2 UNIT: SALT			
SILURIAN: A-2 UNIT: ANHY			
SILURIAN: A-1 UNIT: CARB			
SILURIAN: A-1 UNIT: SWP			
SILURIAN: GUELPH			
SILURIAN: ERAMOSA			
SILURIAN: GOAT ISLAND			
SILURIAN: AMABEL: GASPORT			
SILURIAN: AMABEL: ROCHESTER			
SILURIAN: AMABEL: IRONDEQUOIT			
SILURIAN: REYNALES			
SILURIAN: THOROLD			
SILURIAN: CATARACT: GRIMSBY			
SILURIAN: CATARACT: CABOT HEAD			
SILURIAN: CATARACT: MANITOULIN			
SILURIAN: CATARACT: WHIRLPOOL			
ORDOVICIAN: QUEENSTON			
ORDOVICIAN: MEAFORD-DUNDAS			
ORDOVICIAN: COLLINGWOOD			
ORDOVICIAN: TRENTON: COBOURG			
ORDOVICIAN: TRENTON: VERULAM			
ORDOVICIAN: TRENTON: KIRKFIELD			
ORDOVICIAN: BLACK RIVER: COBOCONK			
ORDOVICIAN: BLACK RIVER: GULL RIVER			
ORDOVICIAN: BLACK RIVER: SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES m	MDC		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B1 PRESSURE
NIL		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
24.4- 44.8	12.8		FRESH
48.8-	12.2		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
178MM	29.8KG	39.0		

LOGGING RECORD

LOGGING CO

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

NO SAMPLES
NO LOGS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE

PRODUCING INTVL (m)

PERFORATED FORMATION(S) OPEN HOLE

DST(S) ON FILE TREATMENT

CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER

COUNTY: WELLAND TOWNSHIP: WAINFLEET LOT: 2 CON: V

WELL NAME: BOWMAN DEV 9A WAINFLEET 8-2-V

OPERATOR: BOWMAN, H.E.

DRILLING CO: MITCHELL, ELGIN

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5219

TOTAL DEPTH 218.1M PBTD

RIG TYPE CAB ELEV 176.8M+ .7M

CO-ORDINATES 144.9M NI 250.6M W

LATITUDE 42-56-51 N

LONGITUDE 79-17-25 W MAG 1

CONFIDENTIAL 1980 08 04

SPUDDED 1980 06 23

COMPLETED 1980 07 04

ABANDONED?

SPL TRAY No 2204 INDEX No 201

GEOLOGICAL CONTACTS:	TOP m	ELEV m	THICK m
SAMPLES START AT 48.8m			
LAKE / GROUND LEVEL		176.8	
DRIFT / LAKE BOTTOM	.7		
DEVONIAN: PRT. LAMBTON	0.		
DEVONIAN: HAMILTON: KETTLE POINT			
DEVONIAN: HAMILTON: MARCELLUS			
DEVONIAN: DUNDEE			
DEVONIAN: DETROIT RIVER: LUCAS			
DEVONIAN: DETROIT RIVER: AMHERSTBURG			
DEVONIAN: BOIS BLANC			
DEVONIAN: BASS ISLANDS			
SILURIAN: G UNIT: SHALE			
SILURIAN: F UNIT: SHALE			
SILURIAN: E UNIT: CARB			
SILURIAN: D UNIT: SALT			
SILURIAN: C UNIT: SHALE	0.		
SILURIAN: B UNIT: MARKER	49.8		
SILURIAN: B UNIT: SALT	0.		
SILURIAN: B UNIT: ANHY	0.		
SILURIAN: A-2 UNIT: CARB	67.6		
SILURIAN: A-2 UNIT: SALT	0.		
SILURIAN: A-2 UNIT: ANHY	0.		
SILURIAN: A-1 UNIT: CARB	81.5		
SILURIAN: A-1 UNIT: SWP	0.		
SILURIAN: GUELPH	88.7		
SILURIAN: ERAMOSA	107.9		
SILURIAN: GOAT ISLAND	137.1		
SILURIAN: AMABEL: GASPORT	146.0		
SILURIAN: AMABEL: ROCHESTER	151.8		
SILURIAN: AMABEL: IRONDEQUOIT	168.5		
SILURIAN: REYNALES	170.5		
SILURIAN: THOROLD	175.9		
SILURIAN: CATARACT: GRIMSBY	178.4		
SILURIAN: CATARACT: CABOT HEAD	189.0		
SILURIAN: CATARACT: MANITOULIN	0.		
SILURIAN: CATARACT: WHIRLPOOL	205.1		
ORDOVICIAN: QUEENSTON	210.9		
ORDOVICIAN: MEAFORD-DUNDAS			
ORDOVICIAN: COLLINGWOOD			
ORDOVICIAN: TRENTON: COBOURG			
ORDOVICIAN: TRENTON: VERULAM			
ORDOVICIAN: TRENTON: KIRKFIELD			
ORDOVICIAN: BLACK RIVER: COBOCONK			
ORDOVICIAN: BLACK RIVER: GULL RIVER			
ORDOVICIAN: BLACK RIVER: SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLES 217.9m	MDC ?		

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	B1 PRESSURE
143.3- 187.8		
180.7- 187.8		
208.8- 210.3		

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
178MM	29.8KG	48.7	CEMENTED	
114MM	14.1KG	160.0	BOTTOM PAC	

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 216.1	GRNL	155.0- 215.5	DENL

CORING RECORD

CONDITION STORED *ANAL

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL NIL 0. DYER BAY 0. B UNIT EBU 56.2
DE CEW 147.3

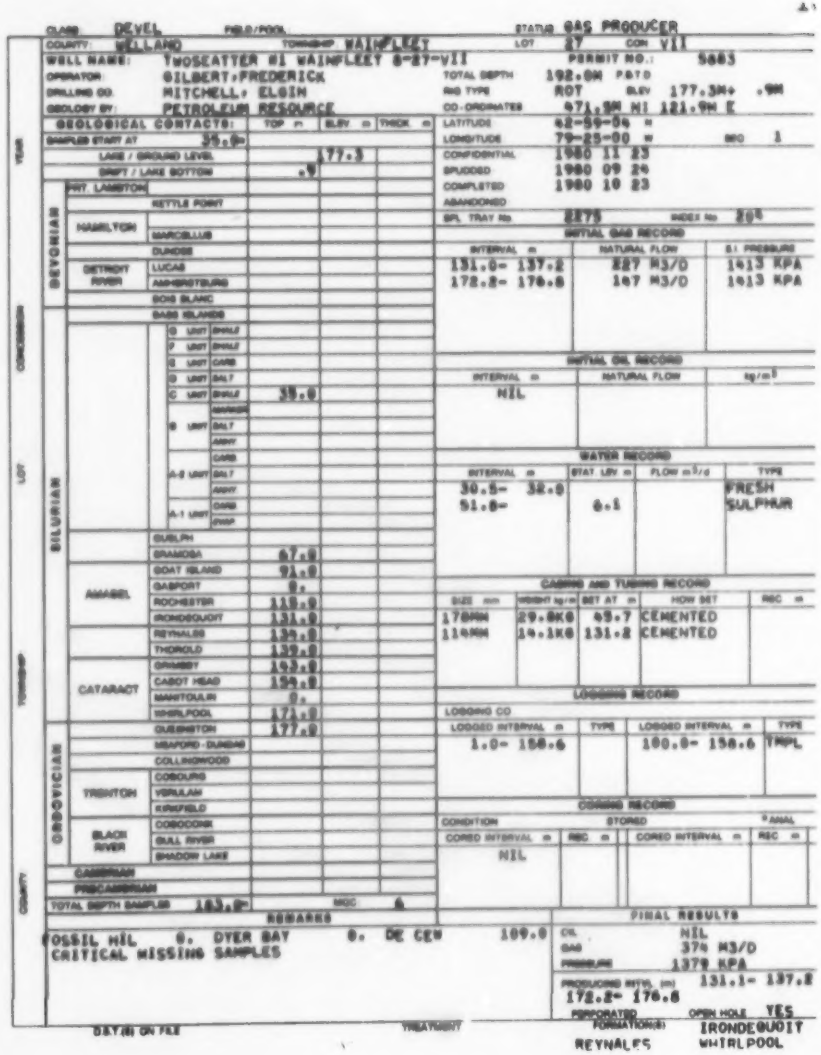
FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE

PRODUCING INTVL (m)

PERFORATED FORMATION(S) OPEN HOLE YES

DST(S) ON FILE TREATMENT



CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: WELLAND TOWNSHIP: WAINFLEET LOT: 27 CON: VII
WELL NAME: TWOSCATTER #1 WAINFLEET 8-27-VII PERMIT NO.: 5883
OPERATOR: GILBERT+FREDERICK TOTAL DEPTH: 192.0M PBTD
DRILLING CO: MITCHELL+ ELGIN RIG TYPE: ROT ELEV: 177.3M+ .9M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 471.9M NI 121.9M E

GEOLOGICAL CONTACTS:	TOP m	ELEV m	THICK m
SAMPLES START AT	36.0		
LAKE / GROUND LEVEL		177.3	
DRIFT / LAKE BOTTOM	.9		
DEVONIAN — PNT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON			
DEVONIAN — MARCELLUS			
DEVONIAN — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG			
DEVONIAN — DETROIT RIVER — BOIS BLANC			
SILURIAN — BASS ISLANDS			
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE	38.0		
SILURIAN — B UNIT MARKER			
SILURIAN — B UNIT SALT			
SILURIAN — B UNIT ANHY			
SILURIAN — A-2 UNIT CARB			
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY			
SILURIAN — A-1 UNIT CARB			
SILURIAN — A-1 UNIT STRAT			
SILURIAN — GUELPH			
SILURIAN — ERAMOSA	67.0		
SILURIAN — GOAT ISLAND	91.0		
SILURIAN — AMABEL — GASPORT	0.		
SILURIAN — AMABEL — ROCHESTER	110.0		
SILURIAN — AMABEL — IRONDEQUOIT	131.0		
SILURIAN — REYNALES	139.0		
SILURIAN — THOROLD	139.0		
SILURIAN — CATARACT — GRIMSBY	143.0		
SILURIAN — CATARACT — CABOT HEAD	159.0		
SILURIAN — CATARACT — MANITOULIN	0.		
SILURIAN — CATARACT — WHIRLPOOL	171.0		
ORDOVICIAN — QUEENSTON	177.0		
ORDOVICIAN — MEAFORD - DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLED: 183.0		MISC	6

LATITUDE: 42-56-54 N
LONGITUDE: 79-25-00 W MAG: 1
CONFIDENTIAL: 1980 11 23
SPUDDED: 1980 09 24
COMPLETED: 1980 10 23
ABANDONED:
SPL TRAY No: 2275 INDEX No: 205

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
131.0- 137.2	227 M3/D	1413 KPA
172.2- 176.8	167 M3/D	1413 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
30.5- 32.0	6.1		FRESH SULPHUR
51.8-			

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
178MM	29.8KG	45.7	CEMENTED	
114MM	14.1KG	131.2	CEMENTED	

LOGGING RECORD

LOGGING CO:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
1.0- 158.6		160.0- 158.6	TMPL

CORING RECORD

CONDITION: STORED: ANAL:

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

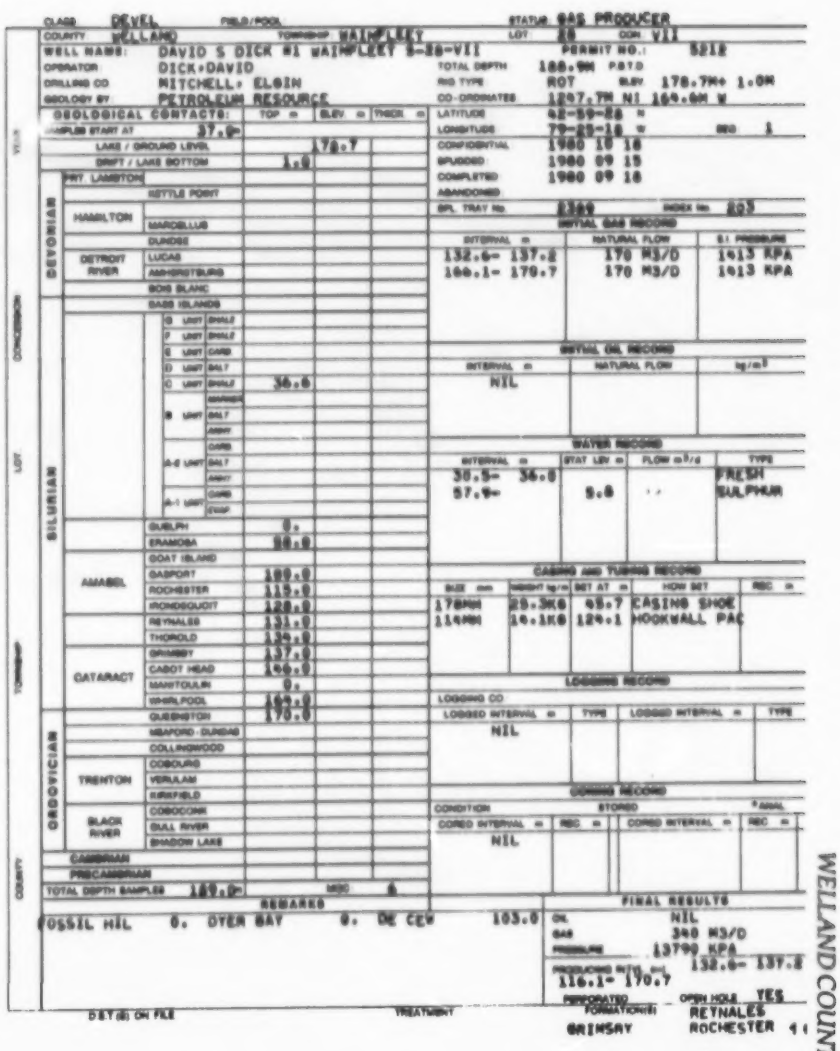
REMARKS

FOSSIL HIL 0. DYER BAY 0. DE CEW 109.0
CRITICAL MISSING SAMPLES

FINAL RESULTS

OIL: NIL
GAS: 374 M3/D
PRESSURE: 1379 KPA
PRODUCING INTVL (m): 131.1- 137.2
172.2- 176.8
PERFORATED: OPEN HOLE: YES
FORMATION(S): IRONDEQUOIT
REYNALES WHIRLPOOL

DST(s) ON FILE: TREATMENT:



CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: WELLAND TOWNSHIP: WAINFLEET LOT: 28 CON: VII
WELL NAME: DAVID S DICK #1 WAINFLEET 5-28-VII PERMIT NO.: 5212
OPERATOR: DICK+DAVID TOTAL DEPTH: 188.9M PBTD
DRILLING CO: MITCHELL+ ELGIN RIG TYPE: ROT ELEV: 178.7M+ 1.0M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 1297.7M NI 169.6M W

GEOLOGICAL CONTACTS:	TOP m	ELEV m	THICK m
SAMPLES START AT	37.0		
LAKE / GROUND LEVEL		178.7	
DRIFT / LAKE BOTTOM	1.0		
DEVONIAN — PNT. LAMBTON			
DEVONIAN — KETTLE POINT			
DEVONIAN — HAMILTON			
DEVONIAN — MARCELLUS			
DEVONIAN — DUNDEE			
DEVONIAN — DETROIT RIVER — LUCAS			
DEVONIAN — DETROIT RIVER — AMHERSTBURG			
DEVONIAN — DETROIT RIVER — BOIS BLANC			
SILURIAN — BASS ISLANDS			
SILURIAN — G UNIT SHALE			
SILURIAN — F UNIT SHALE			
SILURIAN — E UNIT CARB			
SILURIAN — D UNIT SALT			
SILURIAN — C UNIT SHALE	36.0		
SILURIAN — B UNIT MARKER			
SILURIAN — B UNIT SALT			
SILURIAN — B UNIT ANHY			
SILURIAN — A-2 UNIT CARB			
SILURIAN — A-2 UNIT SALT			
SILURIAN — A-2 UNIT ANHY			
SILURIAN — A-1 UNIT CARB			
SILURIAN — A-1 UNIT STRAT			
SILURIAN — GUELPH	0.		
SILURIAN — ERAMOSA	38.0		
SILURIAN — GOAT ISLAND			
SILURIAN — AMABEL — GASPORT	100.0		
SILURIAN — AMABEL — ROCHESTER	115.0		
SILURIAN — AMABEL — IRONDEQUOIT	128.0		
SILURIAN — REYNALES	131.0		
SILURIAN — THOROLD	135.0		
SILURIAN — CATARACT — GRIMSBY	137.0		
SILURIAN — CATARACT — CABOT HEAD	160.0		
SILURIAN — CATARACT — MANITOULIN	0.		
SILURIAN — CATARACT — WHIRLPOOL	163.0		
ORDOVICIAN — QUEENSTON	170.0		
ORDOVICIAN — MEAFORD - DUNDAS			
ORDOVICIAN — COLLINGWOOD			
ORDOVICIAN — TRENTON — COBOURG			
ORDOVICIAN — TRENTON — VERULAM			
ORDOVICIAN — TRENTON — KIRKFIELD			
ORDOVICIAN — BLACK RIVER — COBOCONK			
ORDOVICIAN — BLACK RIVER — GULL RIVER			
ORDOVICIAN — BLACK RIVER — SHADOW LAKE			
CAMBRIAN			
PRECAMBRIAN			
TOTAL DEPTH SAMPLED: 189.0		MISC	6

LATITUDE: 42-59-26 N
LONGITUDE: 79-23-18 W MAG: 1
CONFIDENTIAL: 1980 10 18
SPUDDED: 1980 09 15
COMPLETED: 1980 09 18
ABANDONED:
SPL TRAY No: 2349 INDEX No: 203

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
132.6- 137.2	170 M3/D	1413 KPA
166.1- 170.7	170 M3/D	1413 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
30.5- 36.0	9.8	"	FRESH SULPHUR
57.9-			

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
178MM	29.3KG	45.7	CASING SHOE	
114MM	14.1KG	129.1	HOOKWALL PAC	

LOGGING RECORD

LOGGING CO:

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION: STORED: ANAL:

CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

FOSSIL HIL 0. DYER BAY 0. DE CEW 183.0

FINAL RESULTS

OIL: NIL
GAS: 340 M3/D
PRESSURE: 13790 KPA
PRODUCING INTVL (m): 132.6- 137.2
116.1- 170.7
PERFORATED: OPEN HOLE: YES
FORMATION(S): REYNALES
GRIMSBY ROCHESTER 1

DST(s) ON FILE: TREATMENT:

WELLAND COUNTY

CLASS: DEVEL FIELD/POOL: ARTHUR STATUS: GAS SHOW

COUNTY: WELLINGTON TOWNSHIP: ARTHUR LOT 24 CON VII

WELL NAME: KENARTHA ARTHUR 6-24-VII

OPERATOR: KENARTHA OIL & GAS

DRILLING CO: ASHBURN

GEOLOGY BY: PETROLEUM RESOURCE

PERMIT NO.: 5177

TOTAL DEPTH: 883.9M PBTD 818.4M

RIG TYPE: CAB ELEV 438.3M+ 1.5M

CO-ORDINATES: 152.5M N; 496.8M W

LATITUDE: 43-51-21 N

LONGITUDE: 80-38-51 W SEQ 1

CONFIDENTIAL: 1980 02 26

SPUDDED: 1979 10 23

COMPLETED: 1980 01 26

ABANDONED:

SPL TRAY No 4116 INDEX No 20

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			94.0		
LAKE / GROUND LEVEL				438.3	
DRIFT / LAKE BOTTOM			1.5		
DEVONIAN	PRT. LAMBTON		0.		
	HAMILTON	KETTLE POINT	0.		
		MARCELLUS	0.		
		DUNDEE	0.		
	DETROIT RIVER	LUCAS	0.		
		AMHERSTBURG	0.		
		BOIS BLANC	0.		
		BASS ISLANDS			
SILURIAN		G UNIT SHALE			
		F UNIT SHALE			
		E UNIT CARB			
		D UNIT SALT	0.		
		C UNIT SHALE	76.0		
		B UNIT MARKER			
		B UNIT SALT	0.		
		B UNIT ANHY	0.		
		A-2 UNIT CARB	90.0		
		A-2 UNIT SALT	0.		
		A-2 UNIT ANHY	0.		
		A-1 UNIT CARB	102.1		
		A-1 UNIT EVAP	0.		
	GUELPH		105.2		
	ERAMOSA		0.		
	AMABEL	GOAT ISLAND	131.2		
		GASPORT	167.0		
		ROCHESTER	0.		
		IRONDEQUOIT	0.		
		REYNALES	0.		
		THOROLD	0.		
	CATARACT	GRIMSBY	0.		
		CABOT HEAD	195.0		
		MANITOULIN	209.6		
		WHIRLPOOL	222.9		
ORDOVICIAN		QUEENSTON	225.1		
		MEAFORD-DUNDAS	328.2		
		COLLINGWOOD	499.7		
	TRENTON	COBOURG	518.2		
		VERULAM	589.0		
		KIRKFIELD	621.7		
	BLACK RIVER	COBOCONK	665.3		
		GULL RIVER	670.9		
		SHADOW LAKE	713.8		
CAMBRIAN			0.		
PRECAMBRIAN			721.0		

TOTAL DEPTH SAMPLES 882.1m MOC

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
762.6-	SHOW	
808.9-	SHOW	

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
53.3-	24.7		FRESH

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
273MM		53.6	CASING SHOE	
219MM		102.1	CASING SHOE	
178MM		214.0	CASING SHOE	
140MM		818.1	CEMENTED	

LOGGING RECORD

LOGGING CO GREAT GUNS

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
655.3- 816.9	GRNL	701.0- 882.1	DENL

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

REMARKS

OYER BAY 0. FOSSIL HIL 0. DE CEW 0.
0 UNIT EGU 0.
UPPER PICKS INTERPRETIVE, NO LOGS OR SAMPLES
SOME PICKS INTERPRETIVE, NO LOGS OR SAMPLES

FINAL RESULTS

OIL NIL
GAS SHOW
PRESSURE 2261 KPA
PRODUCING INTVL (m)
PERFORATED YES OPEN HOLE

DST(S) ON FILE TREATMENT FORMATION(S)

CLASS DEVEL FIELD/POOL STATUS GAS PRODUCER

COUNTY WENTWORTH TOWNSHIP BINBROOK LOT 28 CON VIII

WELL NAME: KUNI BINBROOK 5-28-VIII

OPERATOR WEINHARDT-KONHOUT

DRILLING CO MOERSCHFELDER, F.

GEOLOGY BY

PERMIT NO.: 5184

TOTAL DEPTH 146.3M PBTD

RIG TYPE CAB ELEV 191.5M+ .5M

CO-ORDINATES 482.2M N; 184.7M W

LATITUDE 43-04-43 N

LONGITUDE 79-46-47 W SEQ 1

CONFIDENTIAL 1980 02 02

SPUDDED 1979 11 22

COMPLETED 1980 01 02

ABANDONED

SPL TRAY No INDEX No

GEOLOGICAL CONTACTS:			TOP m	ELEV. m	THICK. m
SAMPLES START AT			m		
LAKE / GROUND LEVEL				191.5	
DRIFT / LAKE BOTTOM			.5		
DEVONIAN	PRT LAMBTON				
	HAMILTON	KETTLE POINT			
		MARCELLUS			
		DUNDEE			
	DETROIT RIVER	LUCAS			
		AMHERSTBURG			
		BOIS BLANC			
		BASS ISLANDS			
SILURIAN		G UNIT SHALE			
		F UNIT SHALE			
		E UNIT CARB			
		D UNIT SALT			
		C UNIT SHALE			
		B UNIT MARKER			
		B UNIT SALT			
		B UNIT ANHY			
		A-2 UNIT CARB			
		A-2 UNIT SALT			
		A-2 UNIT ANHY			
		A-1 UNIT CARB			
		A-1 UNIT EVAP			
	GUELPH				
	ERAMOSA				
	AMABEL	GOAT ISLAND			
		GASPORT			
		ROCHESTER			
		IRONDEQUOIT			
		REYNALES			
		THOROLD			
	CATARACT	GRIMSBY			
		CABOT HEAD			
		MANITOULIN			
		WHIRLPOOL			
ORDOVICIAN		QUEENSTON			
		MEAFORD-DUNDAS			
		COLLINGWOOD			
	TRENTON	COBOURG			
		VERULAM			
		KIRKFIELD			
	BLACK RIVER	COBOCONK			
		GULL RIVER			
		SHADOW LAKE			
CAMBRIAN					
PRECAMBRIAN					

TOTAL DEPTH SAMPLES m MOC

INITIAL GAS RECORD

INTERVAL m	NATURAL FLOW	S.I. PRESSURE
128.9- 132.2		455 KPA

INITIAL OIL RECORD

INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD

INTERVAL m	STAT LEV m	FLOW m³/d	TYPE
16.8-	6.0		SULPHUR
33.3-	6.0		SULPHUR
53.3-	6.0		SULPHUR

CASING AND TUBING RECORD

SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC m
178MM	32.7KG	5.6	BAREFOOT	
114MM	14.1KG	90.2	BOTTOM PAC	

LOGGING RECORD

LOGGING CO

LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD

CONDITION	STORED		*ANAL
CORED INTERVAL m	REC m	CORED INTERVAL m	REC m
NIL			

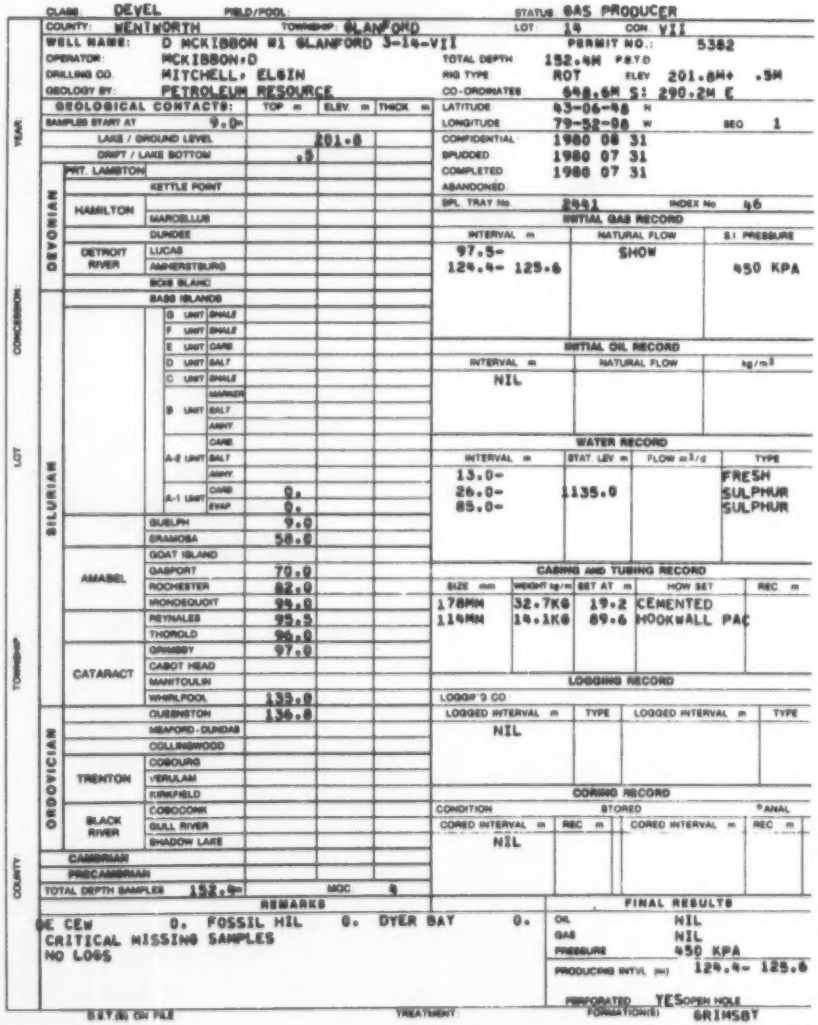
REMARKS

NO SAMPLES
NO LOGS

FINAL RESULTS

OIL NIL
GAS NIL
PRESSURE
PRODUCING INTVL (m) 128.9- 132.2
PERFORATED OPEN HOLE YES

DST(S) ON FILE TREATMENT FORMATION(S) GLACL DRIFT



CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: WENTWORTH TOWNSHIP: GLANFORD LOT: 14 CON: VII
WELL NAME: D MCKIBBON #1 GLANFORD 3-14-VII PERMIT NO.: 5382
OPERATOR: MCKIBBON,D TOTAL DEPTH: 152.4M PBTD
DRILLING CO: MITCHELL, ELGIN RIG TYPE: ROT ELEV: 201.8M+ .3M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 648.6M S: 290.2M E
LATITUDE: 43-06-48 N
LONGITUDE: 79-52-08 W SEQ: 1
CONFIDENTIAL: 1980 08 31
SPUDDED: 1980 07 31
COMPLETED: 1980 07 31
ABANDONED:
SPL. TRAY No: 2931 INDEX No: 46

GEOLOGICAL CONTACTS: TOP m | ELEV. m | THICK. m
SAMPLES START AT: 9.0m
LAKE / GROUND LEVEL: 201.8
DRIFT / LAKE BOTTOM: .5
DEVONIAN: PRT. LAMBTON; HAMILTON: KETTLE POINT, MARCELLUS, DUNDEE; DETROIT RIVER: LUCAS, AMHERSTBURG, BOIS BLANC, BASS ISLANDS
SILURIAN: G UNIT SHALE; F UNIT SHALE; E UNIT CARB; D UNIT SALT; C UNIT SHALE; B UNIT: MARKER, SALT, ANHY, CARB; A-2 UNIT: SALT, ANHY, CARB; A-1 UNIT: CARB, EVAP; GUELPH: 9.0; ERAMOSA: 58.0; AMABEL: GOAT ISLAND, GASPORT: 79.0, ROCHESTER: 82.0, IRONDEQUOIT: 95.0, REYNALES: 95.5, THOROLD: 96.0, GRIMSBY: 97.0; CATARACT: CABOT HEAD, MANITOULIN, WHIRLPOOL: 135.0
ORDOVICIAN: QUEENSTON: 136.0; MEAFORD-DUNDAS, COLLINGWOOD; TRENTON: COBOURG, VERULAM, KIRKFIELD; BLACK RIVER: COBOCONK, GULL RIVER, SHADOW LAKE
CAMBRIAN
PRECAMBRIAN
TOTAL DEPTH SAMPLES: 152.5m MOC: 4

INITIAL GAS RECORD
INTERVAL m	NATURAL FLOW	S.I. PRESSURE
97.5-	SHOW	
124.4- 125.6		450 KPA

INITIAL OIL RECORD
INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD
INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
13.0-			FRESH
26.0-	1135.0		SULPHUR
85.0-			SULPHUR

CASING AND TUBING RECORD
SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	32.7KG	19.2	CEMENTED	
114MM	14.1KG	89.6	HOOKWALL PAC	

LOGGING RECORD
LOGGING CO.
LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

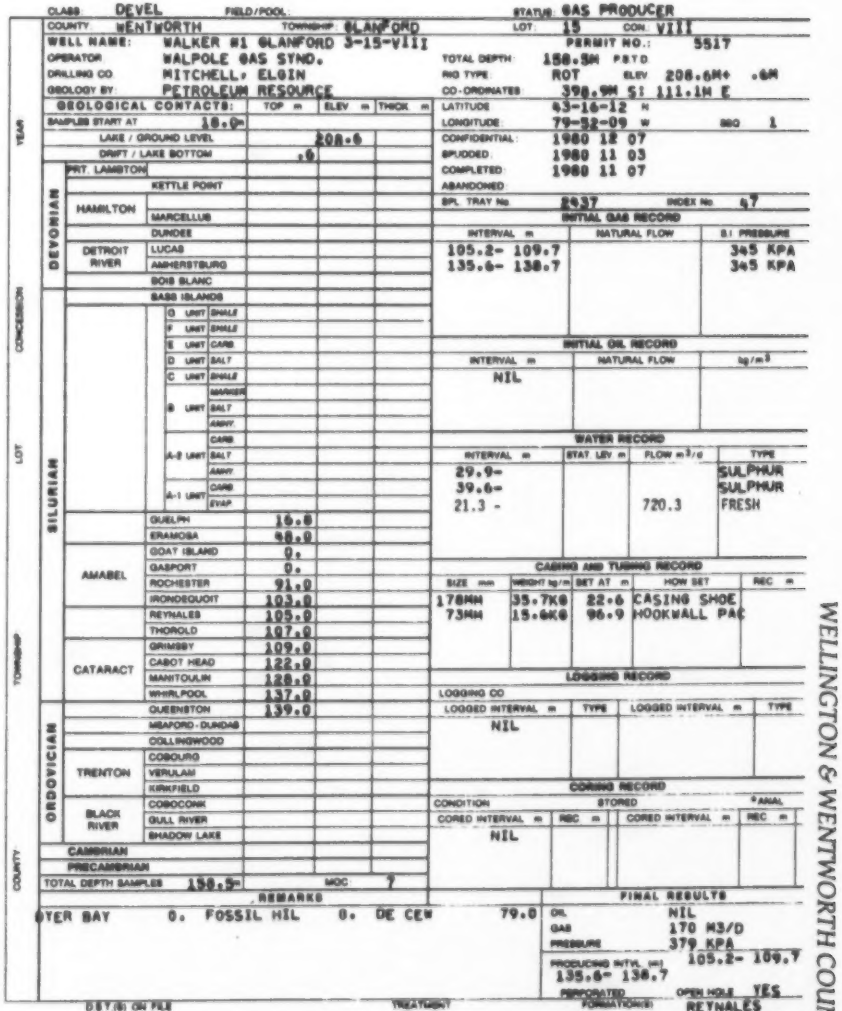
CORING RECORD
CONDITION	STORED		ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS
DE CEW 0. FOSSIL HIL 0. DYER BAY 0.
CRITICAL MISSING SAMPLES
NO LOGS

FINAL RESULTS
OIL: NIL
GAS: NIL
PRESSURE: 450 KPA
PRODUCING INTVL (m): 124.4- 125.6
PERFORATED: YES OPEN HOLE:
FORMATION(S): GRIMSBY

DST(S) ON FILE: TREATMENT:

41



CLASS: DEVEL FIELD/POOL: STATUS: GAS PRODUCER
COUNTY: WENTWORTH TOWNSHIP: GLANFORD LOT: 15 CON: VIII
WELL NAME: WALKER #1 GLANFORD 3-15-VIII PERMIT NO.: 5517
OPERATOR: WALPOLE GAS SYND. TOTAL DEPTH: 158.5M PBTD
DRILLING CO: MITCHELL, ELGIN RIG TYPE: ROT ELEV: 208.6M+ .6M
GEOLOGY BY: PETROLEUM RESOURCE CO-ORDINATES: 398.9M S: 111.1M E
LATITUDE: 43-16-12 N
LONGITUDE: 79-52-09 W SEQ: 1
CONFIDENTIAL: 1980 12 07
SPUDDED: 1980 11 03
COMPLETED: 1980 11 07
ABANDONED:
SPL. TRAY No: 2937 INDEX No: 47

GEOLOGICAL CONTACTS: TOP m | ELEV. m | THICK. m
SAMPLES START AT: 18.0m
LAKE / GROUND LEVEL: 208.6
DRIFT / LAKE BOTTOM: .6
DEVONIAN: PRT. LAMBTON; HAMILTON: KETTLE POINT, MARCELLUS, DUNDEE; DETROIT RIVER: LUCAS, AMHERSTBURG, BOIS BLANC, BASS ISLANDS
SILURIAN: G UNIT SHALE; F UNIT SHALE; E UNIT CARB; D UNIT SALT; C UNIT SHALE; B UNIT: MARKER, SALT, ANHY, CARB; A-2 UNIT: SALT, ANHY, CARB; A-1 UNIT: CARB, EVAP; GUELPH: 16.8; ERAMOSA: 48.9; AMABEL: GOAT ISLAND: 0., GASPORT: 0., ROCHESTER: 91.0, IRONDEQUOIT: 103.8, REYNALES: 105.0, THOROLD: 107.0; CATARACT: GRIMSBY: 109.0, CABOT HEAD: 122.9, MANITOULIN: 128.9, WHIRLPOOL: 137.9
ORDOVICIAN: QUEENSTON: 139.0; MEAFORD-DUNDAS, COLLINGWOOD; TRENTON: COBOURG, VERULAM, KIRKFIELD; BLACK RIVER: COBOCONK, GULL RIVER, SHADOW LAKE
CAMBRIAN
PRECAMBRIAN
TOTAL DEPTH SAMPLES: 158.5m MOC: 7

INITIAL GAS RECORD
INTERVAL m	NATURAL FLOW	S.I. PRESSURE
105.2- 109.7		345 KPA
135.6- 138.7		345 KPA

INITIAL OIL RECORD
INTERVAL m	NATURAL FLOW	kg/m³
NIL		

WATER RECORD
INTERVAL m	STAT. LEV. m	FLOW m³/d	TYPE
29.9-			SULPHUR
39.6-			SULPHUR
21.3 -		720.3	FRESH

CASING AND TUBING RECORD
SIZE mm	WEIGHT kg/m	SET AT m	HOW SET	REC. m
178MM	35.7KG	22.6	CASING SHOE	
73MM	15.6KG	96.9	HOOKWALL PAC	

LOGGING RECORD
LOGGING CO.
LOGGED INTERVAL m	TYPE	LOGGED INTERVAL m	TYPE
NIL			

CORING RECORD
CONDITION	STORED		ANAL.	
CORED INTERVAL m	REC. m	CORED INTERVAL m	REC. m
NIL			

REMARKS
DYER BAY 0. FOSSIL HIL 0. DE CEW 79.0

FINAL RESULTS
OIL: NIL
GAS: 170 M3/D
PRESSURE: 379 KPA
PRODUCING INTVL (m): 105.2- 109.7, 135.6- 138.7
PERFORATED: OPEN HOLE: YES
FORMATION(S): REYNALES, GRIMSBY, MANITOULIN 41

DST(S) ON FILE: TREATMENT: